

Model	Citation (include doi, if available)	Year	INVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Annual water yield	Bagstad, K.J., Darius J. Semmens, Robert Winthrop (2013). Comparing approaches to spatially explicit ecosystem service modeling: A case study from the San Pedro River, Arizona. <i>Ecosystem Services</i> 5: 40-50. http://dx.doi.org/10.1016/j.ecoser.2013.07.007	2013	2.4	PR	<i>Ecosystem Services</i>	North America	USA and Mexico	Arizona and Sonora	San Pedro River watershed and Northern Sonoran Desert	Dry	Semiarid	No
Carbon	Bagstad, K.J., Darius J. Semmens, Robert Winthrop (2013). Comparing approaches to spatially explicit ecosystem service modeling: A case study from the San Pedro River, Arizona. <i>Ecosystem Services</i> 5: 40-50. http://dx.doi.org/10.1016/j.ecoser.2013.07.007	2013	2.4	PR	<i>Ecosystem Services</i>	North America	USA and Mexico	Arizona and Sonora	San Pedro River watershed and Northern Sonoran Desert	Dry	Semiarid	No
Annual water yield	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Carbon	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Habitat quality	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Nutrient retention	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Pollination	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Sediment retention	Bai, Y., Changwei Zhuang, Zhiyun Ouyang, Hua Zheng, Bo Jiang (2011). Spatial characteristics between biodiversity and ecosystem services in a human-dominated watershed. <i>Ecological Complexity</i> 2(2): 177-183. http://dx.doi.org/10.1016/j.ecocom.2011.01.007	2011	1.005	PR	<i>Ecological Complexity</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Annual water yield	Bai, Y., Zheng, H., Ouyang, Z., Zhuang, C., Jiang, B. (2013) Modeling hydrological ecosystem services and tradeoffs: A case study in Baiyangdian watershed, China. <i>Environmental Earth Sciences</i> , 70 (2), pp. 709-718.	2013	1.003	PR	<i>Environmental Earth Sciences</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Nutrient retention	Bai, Y., Zheng, H., Ouyang, Z., Zhuang, C., Jiang, B. (2013) Modeling hydrological ecosystem services and tradeoffs: A case study in Baiyangdian watershed, China. <i>Environmental Earth Sciences</i> , 70 (2), pp. 709-718.	2013	1.003	PR	<i>Environmental Earth Sciences</i>	Asia	China	Hebei Province	Baiyangdian watershed (middle of the north China plain)	Temperate	NA	No
Annual water yield	Bangash, R.F., Ana Passuello, María Sanchez-Canales, Marta Terrado, Alfredo López, F. Javier Elorza, Guy Ziv, Vicenç Acuña, Marta Schuhmacher (2013) Ecosystem services in Mediterranean river basin: Climate change impact on water provisioning and erosion control, <i>Science of The Total Environment</i> , Volumes 458-460, Pages 246-255. http://dx.doi.org/10.1016/j.scitotenv.2013.04.025 .	2013	2.2.2	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes

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Sediment retention	Bangash, R.F., Ana Passuello, Maria Sanchez-Canales, Marta Terrado, Alfredo López, F. Javier Elorza, Guy Ziv, Vicenç Acuña, Marta Schuhmacher (2013) Ecosystem services in Mediterranean river basin: Climate change impact on water provisioning and erosion control. <i>Science of The Total Environment</i> , Volumes 458–460, Pages 246-255, http://dx.doi.org/10.1016/j.scitotenv.2013.04.025 .	2013	2.2.2	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Habitat quality	Baral, Himlal, Rodney J. Keenan, Sunil K. Sharma, Nigel E. Stork, Sabine Kasel (2014). Spatial assessment and mapping of biodiversity and conservation priorities in a heavily modified and fragmented production landscape in north-central Victoria, Australia. <i>Ecological Indicators</i> 36:552-562, ISSN 1470-160X, http://dx.doi.org/10.1016/j.ecolind.2013.09.022	2014	1.005	PR	<i>Ecological Indicators</i>	Australia	Australia	north-central Victoria	Between Kerang and Lake Boga, defined by boundaries of the Little Murray and Lower Loddon Rivers in the North, West, and South and Murray Valley Highway in the East	Dry	Semiarid	No
Habitat quality	Bhagabati, N. K., Ricketts, T., Sulistyawan, T. B. S., Conte, M., Ennaanay, D., Hadian, O., ... & Wolny, S. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. <i>Biological Conservation</i> , 169, 147-156.	2014	1.004	PR	<i>Biological Conservation</i>	Asia	Indonesia	Sumatra	Six watersheds in Sumatra: covering portions of Riau, Jambi and West Sumatra provinces	Tropical	NA	Yes
Carbon	Bhagabati, N. K., Ricketts, T., Sulistyawan, T. B. S., Conte, M., Ennaanay, D., Hadian, O., ... & Wolny, S. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. <i>Biological Conservation</i> , 169, 147-156.	2014	1.004	PR	<i>Biological Conservation</i>	Asia	Indonesia	Sumatra	Six watersheds in Sumatra: covering portions of Riau, Jambi and West Sumatra provinces	Tropical	NA	Yes
Annual water yield	Bhagabati, N. K., Ricketts, T., Sulistyawan, T. B. S., Conte, M., Ennaanay, D., Hadian, O., ... & Wolny, S. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. <i>Biological Conservation</i> , 169, 147-156.	2014	1.004	PR	<i>Biological Conservation</i>	Asia	Indonesia	Sumatra	Six watersheds in Sumatra: covering portions of Riau, Jambi and West Sumatra provinces	Tropical	NA	Yes
Sediment retention	Bhagabati, N. K., Ricketts, T., Sulistyawan, T. B. S., Conte, M., Ennaanay, D., Hadian, O., ... & Wolny, S. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. <i>Biological Conservation</i> , 169, 147-156.	2014	1.004	PR	<i>Biological Conservation</i>	Asia	Indonesia	Sumatra	Six watersheds in Sumatra: covering portions of Riau, Jambi and West Sumatra provinces	Tropical	NA	Yes
Nutrient retention	Bhagabati, N. K., Ricketts, T., Sulistyawan, T. B. S., Conte, M., Ennaanay, D., Hadian, O., ... & Wolny, S. (2014). Ecosystem services reinforce Sumatran tiger conservation in land use plans. <i>Biological Conservation</i> , 169, 147-156.	2014	1.004	PR	<i>Biological Conservation</i>	Asia	Indonesia	Sumatra	Six watersheds in Sumatra: covering portions of Riau, Jambi and West Sumatra provinces	Tropical	NA	Yes
Annual water yield	Boithias, Laurie, Vicenç Acuña, Laura Vergoñós, Guy Ziv, Rafael Marcé, Sergi Sabater (2014). Assessment of the water supply:demand ratios in a Mediterranean basin under different global change scenarios and mitigation alternatives. <i>Science of The Total Environment</i> 470–471: 567-577. http://dx.doi.org/10.1016/j.scitotenv.2013.10.003	2014	2.2.1	PR	<i>Science of the Total Environment</i>	Europe	Spain	Tarragona (North-eastern Mediterranean Spain)	Ebro River Basin	Temperate	Mediterranean	Yes

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Timber	Delphin, S., Escobedo, F. J., Abd-Elrahman, A., & Cropper Jr, W. (2013). Mapping potential carbon and timber losses from hurricanes using a decision tree and ecosystem services driver model. <i>Journal of environmental management</i> , 129, 599-607. http://dx.doi.org/10.1016/j.jenvman.2013.08.029 .	2013	2.2.2	PR	<i>Journal of Environmental Management</i>	North America	USA	Florida	Lower Suwannee River and Pensacola Bay watersheds	Temperate	Subtropical	No
Annual water yield	Fu, B., Y.K. Wang, P. Xu, K. Yan, M. Li (2014). Value of ecosystem hydropower service and its impact on the payment for ecosystem services. <i>Science of The Total Environment</i> 472: 338-346. http://dx.doi.org/10.1016/j.scitotenv.2013.11.015	2014	NA	PR	<i>Science of the Total Environment</i>	Asia	China	north-central Sichuan Province	Zagunao River Basin	Temperate	Humid subtropical	No
Annual water yield	Gao, Y., Feng, Z., Wang, Y., Liu, J., Li, S., and Zhu, Y. (2013). Clustering urban multifunctional landscapes using the self-organizing feature map neural network model." <i>J. Urban Plann. Dev.</i> 10.1061/(ASCE)UP.1943-5444.0000170	2013	2.5.3	PR	NA	Asia	China	Guangdong Province	Shenzhen city	Temperate	Humid subtropical	No
Annual water yield	Gao, Yang, Zhe Feng, Yan Li, Shuangcheng Li (2014). Freshwater ecosystem service footprint model: A model to evaluate regional freshwater sustainable development—A case study in Beijing–Tianjin–Hebei, China, <i>Ecological Indicators</i> 39:1-9. http://dx.doi.org/10.1016/j.ecolind.2013.11.025	2014	2.5.4	PR	<i>Ecological Indicators</i>	Asia	China	Beijing-Tianjin-Hebei freshwater supply area	NA	Temperate	"Absolute scarcity" water scarcity level	No
Carbon	Geneletti, Davide (2012). Assessing the impact of alternative land-use zoning policies on future ecosystem services. <i>Environmental Impact Assessment Review</i> 40:25-35. http://dx.doi.org/10.1016/j.eiar.2012.12.003	2012		2.1 PR	<i>Environmental Impact Assessment Review</i>	South America	Chile	Malleco and Cautín	The Araucanía Region	Temperate	NA	No
Nutrient retention	Geneletti, Davide (2012). Assessing the impact of alternative land-use zoning policies on future ecosystem services. <i>Environmental Impact Assessment Review</i> 40:25-35. http://dx.doi.org/10.1016/j.eiar.2012.12.003	2012		2.1 PR	<i>Environmental Impact Assessment Review</i>	South America	Chile	Malleco and Cautín	The Araucanía Region	Temperate	NA	No
Sediment retention	Geneletti, Davide (2012). Assessing the impact of alternative land-use zoning policies on future ecosystem services. <i>Environmental Impact Assessment Review</i> 40:25-35. http://dx.doi.org/10.1016/j.eiar.2012.12.003	2012		2.1 PR	<i>Environmental Impact Assessment Review</i>	South America	Chile	Malleco and Cautín	The Araucanía Region	Temperate	NA	No
Annual water yield	Hoyer, R. and H. Chang (2014) Assessment of freshwater ecosystem services in the Tualatin and Yamhill basins under climate change and urbanization. <i>Applied Geography</i> 53:402-416. http://dx.doi.org/10.1016/j.apgeog.2014.06.023	2014	2.5.3	PR	<i>Applied Geography</i>	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	NA	No
Nutrient retention	Hoyer, R. and H. Chang (2014) Assessment of freshwater ecosystem services in the Tualatin and Yamhill basins under climate change and urbanization. <i>Applied Geography</i> 53:402-416. http://dx.doi.org/10.1016/j.apgeog.2014.06.023	2014	2.5.3	PR	<i>Applied Geography</i>	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	NA	No
Sediment retention	Hoyer, R. and H. Chang (2014) Assessment of freshwater ecosystem services in the Tualatin and Yamhill basins under climate change and urbanization. <i>Applied Geography</i> 53:402-416. http://dx.doi.org/10.1016/j.apgeog.2014.06.023	2014	2.5.3	PR	<i>Applied Geography</i>	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	NA	No
Annual water yield	Izquierdo, Andrea E. and Matthew L. Clark (2012). Spatial analysis of conservation priorities based on ecosystem services in the Atlantic Forest region of Misiones, Argentina. <i>Forests</i> 3:764-786. doi: 10.3390/f3030764	2012		1.005 PR	<i>Forests</i>	South America	Argentina	Province of Misiones	Upper Paraná Atlantic Forest	Temperate	Subtropical humid without a marked dry season	No
Carbon	Izquierdo, Andrea E. and Matthew L. Clark (2012). Spatial analysis of conservation priorities based on ecosystem services in the Atlantic Forest region of Misiones, Argentina. <i>Forests</i> 3:764-786. doi: 10.3390/f3030764	2012		1.005 PR	<i>Forests</i>	South America	Argentina	Province of Misiones	Upper Paraná Atlantic Forest	Temperate	Subtropical humid without a marked dry season	No

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Sediment retention	Izquierdo, Andrea E. and Matthew L. Clark (2012). Spatial analysis of conservation priorities based on ecosystem services in the Atlantic Forest region of Misiones, Argentina. <i>Forests</i> 3:764-786. doi: 10.3390/f3030764	2012	1.005	PR	<i>Forests</i>	South America	Argentina	Province of Misiones	Upper Paraná Atlantic Forest	Temperate	Subtropical humid without a marked dry season	No
Carbon	Johnson, K. A. , Stephen Polasky, Erik Nelson, Derric Pennington (2012) Uncertainty in ecosystem services valuation and implications for assessing land use tradeoffs: An agricultural case study in the Minnesota River Basin. <i>Ecological Economics</i> . Volume 79, Pages 71-79. http://dx.doi.org/10.1016/j.ecolecon.2012.04.020.	2012	1.004	PR	<i>Ecological Economics</i>	North America	USA	Minnesota	Minnesota River Basin	Continental/Cold	NA	Yes
Nutrient retention	Johnson, K. A. , Stephen Polasky, Erik Nelson, Derric Pennington (2012) Uncertainty in ecosystem services valuation and implications for assessing land use tradeoffs: An agricultural case study in the Minnesota River Basin. <i>Ecological Economics</i> . Volume 79, Pages 71-79. http://dx.doi.org/10.1016/j.ecolecon.2012.04.020.	2012	1.004	PR	<i>Ecological Economics</i>	North America	USA	Minnesota	Minnesota River Basin	Continental/Cold	NA	Yes
Pollination	Kennedy, Christina M.; Eric Lonsdorf; Maile C. Neel; Neal M. Williams; Taylor H. Ricketts; Rachael Winfree; Riccardo Bommarco; Claire Brittain; Alana L. Burley; Daniel Cariveau; Luisa G. Carvalheiro; Natacha P. Chacoff; Saul A. Cunningham; Bryan N. Danforth; Jan-Hendrik Dudenhöffer; Elizabeth Elle; Hannah R. Gaines; Lucas A. Garibaldi; Claudio Gratton; Andrea Holzschuh; Rufus Isaacs; Steven K. Javorek; Shalene Jha; Alexandra M. Klein; Kristin Krewenka; Yael Mandelik; Margaret M. Mayfield; Lora Morandin; Lisa A. Neame; Mark Otieno; Mia Park; Simon G. Potts; Maj Rundlöf; Agustin Saez; Ingolf Steffan-Dewenter; Hisatomo Taki; Blandina Felipe Viana; Catrin Westphal; Julianna K. Wilson; Sarah S. Greenleaf; Claire Kremen. 2013. A global quantitative synthesis of local and landscape effects on wild bee pollinators in agroecosystems. <i>Ecology Letters</i> . May 2013, Vol. 16(5), pp 584-599.	2013	2.1	PR	<i>Ecology Letters</i>	Global	Mexico, Costa Rica, Argentina, Australia, South Africa, Brazil, Kenya, USA, Israel, Canada, Japan, Sweden, Germany, England	NA	NA	NA	NA	Yes
Carbon	Kovacs K, Polasky S, Nelson E, Keeler BL, Pennington D, et al. (2013) Evaluating the Return in Ecosystem Services from Investment in Public Land Acquisitions. <i>PLoS ONE</i> 8(6): e62202. doi:10.1371/journal.pone.0062202	2013	2.1	PR		North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Habitat quality	Kovacs K, Polasky S, Nelson E, Keeler BL, Pennington D, et al. (2013) Evaluating the Return in Ecosystem Services from Investment in Public Land Acquisitions. <i>PLoS ONE</i> 8(6): e62202. doi:10.1371/journal.pone.0062202	2013	2.1	PR		North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Nutrient retention	Kovacs K, Polasky S, Nelson E, Keeler BL, Pennington D, et al. (2013) Evaluating the Return in Ecosystem Services from Investment in Public Land Acquisitions. <i>PLoS ONE</i> 8(6): e62202. doi:10.1371/journal.pone.0062202	2013	2.1	PR		North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Annual water yield	Leh, Mansoor, Marty Matlock, Eric Cummings, Greg Thoma, Jackson Cothren (2013). Measuring ecosystem service change: A case study from a northwest Arkansas dairy farm. <i>International Dairy Journal</i> 31, Supplement 1: S91-S100. http://dx.doi.org/10.1016/j.idairyj.2012.10.016	2013	2.1	PR	<i>International Dairy Journal</i>	North America	USA	Arkansas	Benton County, Little Osage Creek	Temperate	Humid subtropical	No
Carbon	Leh, Mansoor, Marty Matlock, Eric Cummings, Greg Thoma, Jackson Cothren (2013). Measuring ecosystem service change: A case study from a northwest Arkansas dairy farm. <i>International Dairy Journal</i> 31, Supplement 1: S91-S100. http://dx.doi.org/10.1016/j.idairyj.2012.10.016	2013	2.1	PR	<i>International Dairy Journal</i>	North America	USA	Arkansas	Benton County, Little Osage Creek	Temperate	Humid subtropical	No

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Habitat quality	Leh, Mansoor, Marty Matlock, Eric Cummings, Greg Thoma, Jackson Cothren (2013). Measuring ecosystem service change: A case study from a northwest Arkansas dairy farm. <i>International Dairy Journal</i> 31, Supplement 1: S91-S100. http://dx.doi.org/10.1016/j.idairyj.2012.10.016	2013	2.1	PR	<i>International Dairy Journal</i>	North America	USA	Arkansas	Benton County, Little Osage Creek	Temperate	Humid subtropical	No
Nutrient retention	Leh, Mansoor, Marty Matlock, Eric Cummings, Greg Thoma, Jackson Cothren (2013). Measuring ecosystem service change: A case study from a northwest Arkansas dairy farm. <i>International Dairy Journal</i> 31, Supplement 1: S91-S100. http://dx.doi.org/10.1016/j.idairyj.2012.10.016	2013	2.1	PR	<i>International Dairy Journal</i>	North America	USA	Arkansas	Benton County, Little Osage Creek	Temperate	Humid subtropical	No
Nutrient retention	Leh, M.D.K., Marty D. Matlock, Eric C. Cummings, Lanier L. Nalley (2013) Quantifying and mapping multiple ecosystem services change in West Africa, <i>Agriculture, Ecosystems & Environment</i> , Volume 165, Pages 6-18, http://dx.doi.org/10.1016/j.agee.2012.12.001 .	2013	2.2.1	PR	<i>Agriculture, Ecosystems and Environment</i>	Africa	Ghana and Cote d'Ivoire			Tropical	NA	No
Sediment retention	Leh, M.D.K., Marty D. Matlock, Eric C. Cummings, Lanier L. Nalley (2013) Quantifying and mapping multiple ecosystem services change in West Africa, <i>Agriculture, Ecosystems & Environment</i> , Volume 165, Pages 6-18, http://dx.doi.org/10.1016/j.agee.2012.12.001 .	2013	2.2.1	PR	<i>Agriculture, Ecosystems and Environment</i>	Africa	Ghana and Cote d'Ivoire			Tropical	NA	No
Annual water yield	Leh, M.D.K., Marty D. Matlock, Eric C. Cummings, Lanier L. Nalley (2013) Quantifying and mapping multiple ecosystem services change in West Africa, <i>Agriculture, Ecosystems & Environment</i> , Volume 165, Pages 6-18, http://dx.doi.org/10.1016/j.agee.2012.12.001 .	2013	2.2.1	PR	<i>Agriculture, Ecosystems and Environment</i>	Africa	Ghana and Cote d'Ivoire			Tropical	NA	No
Annual water yield	Long, Chen, Xie Gaodi, Zhang Changshun, Pei Sha, Fan Na, Ge Liqiang and Zhang Caixia (2011). Modelling ecosystem water supply services across the Lancang River Basin. <i>Journal of Resources and Ecology</i> 2(4):322-327.	2011	2	PR	<i>Journal of Resources and Ecology</i>	Asia	China	Qinghai, Yunnan	Lancang River Basin	Continental, Temperate	NA	No
Annual water yield	Marquès, M., Bangash, R.F., Kumar, V., Sharp, R., Schuhmacher, M. (2013) The impact of climate change on water provision under a low flow regime: A case study of the ecosystems services in the Francolí river basin. <i>Journal of Hazardous Materials</i> , 263, pp. 224-232.	2013	2.4.2	PR	<i>Journal of Hazardous Materials</i>	Europe	Spain	Catalonia	Francolí River Basin	Temperate	NA	Yes
Nutrient retention	Meehan TD, Gratton C, Diehl E, Hunt ND, Mooney DF, et al. (2013) Ecosystem-Service Tradeoffs Associated with Switching from Annual to Perennial Energy Crops in Riparian Zones of the US Midwest. <i>PLoS ONE</i> 8(11): e80093. doi: 10.1371/journal.pone.0080093	2013		PR		North America	USA	Wisconsin	Columbia, Dane, Iowa, and Sauk counties	Continental/Cold	NA	No
Pollination	Meehan TD, Gratton C, Diehl E, Hunt ND, Mooney DF, et al. (2013) Ecosystem-Service Tradeoffs Associated with Switching from Annual to Perennial Energy Crops in Riparian Zones of the US Midwest. <i>PLoS ONE</i> 8(11): e80093. doi: 10.1371/journal.pone.0080093	2013		PR		North America	USA	Wisconsin	Columbia, Dane, Iowa, and Sauk counties	Continental/Cold	NA	No
Habitat quality	Mushet, David M., Jordan L. Neau, and Ned H. Euliss Jr. "Modeling effects of conservation grassland losses on amphibian habitat." <i>Biological Conservation</i> 174 (2014): 93-100.	2014	2.4.5	PR	<i>Biological Conservation</i>	North America	USA and Canada	Prarie Pothole Region		Temperate	Grasslands	No
Annual water yield	Nelson E, Sander H, Hawthorne P, Conte M, Ennaanay D, et al. (2010) Projecting Global Land-Use Change and Its Effect on Ecosystem Service Provision and Biodiversity with Simple Models. <i>PLoS ONE</i> 5(12): e14327. doi:10.1371/journal.pone.0014327	2010	1.004	PR	<i>PLoS ONE</i>	Global				NA	NA	Yes

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Carbon	Nelson E, Sander H, Hawthorne P, Conte M, Ennaanay D, et al. (2010) Projecting Global Land-Use Change and Its Effect on Ecosystem Service Provision and Biodiversity with Simple Models. PLoS ONE 5(12): e14327. doi:10.1371/journal.pone.0014327	2010	1.004	PR	<i>PLoS ONE</i>	Global	NA	NA	NA	NA	NA	Yes
Crop production	Nelson E, Sander H, Hawthorne P, Conte M, Ennaanay D, et al. (2010) Projecting Global Land-Use Change and Its Effect on Ecosystem Service Provision and Biodiversity with Simple Models. PLoS ONE 5(12): e14327. doi:10.1371/journal.pone.0014327	2010	1.004	PR	<i>PLoS ONE</i>	Global	NA	NA	NA	NA	NA	Yes
Habitat quality	Nelson E, Sander H, Hawthorne P, Conte M, Ennaanay D, et al. (2010) Projecting Global Land-Use Change and Its Effect on Ecosystem Service Provision and Biodiversity with Simple Models. PLoS ONE 5(12): e14327. doi:10.1371/journal.pone.0014327	2010	1.004	PR	<i>PLoS ONE</i>	Global	NA	NA	NA	NA	NA	Yes
Carbon	Nelson, E., Guillermo Mendoza, James Regetz, Stephen Polasky, Heather Tallis, DRichard Cameron, Kai MA Chan, Gretchen C Daily, Joshua Goldstein, Peter M Kareiva, Eric Lonsdorf, Robin Naidoo, Taylor H Ricketts, and M Rebecca Shaw (2009). Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. <i>Frontiers in Ecology and the Environment</i> 7: 4–11. http://dx.doi.org/10.1890/080023	2009		PR	<i>Frontiers in Ecology and the Environment</i>	North America	USA	Oregon	Willamette Basin	Temperate	NA	Yes
Nutrient retention	Nelson, E., Guillermo Mendoza, James Regetz, Stephen Polasky, Heather Tallis, DRichard Cameron, Kai MA Chan, Gretchen C Daily, Joshua Goldstein, Peter M Kareiva, Eric Lonsdorf, Robin Naidoo, Taylor H Ricketts, and M Rebecca Shaw (2009). Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. <i>Frontiers in Ecology and the Environment</i> 7: 4–11. http://dx.doi.org/10.1890/080023	2009		PR	<i>Frontiers in Ecology and the Environment</i>	North America	USA	Oregon	Willamette Basin	Temperate	NA	Yes
Sediment retention	Nelson, E., Guillermo Mendoza, James Regetz, Stephen Polasky, Heather Tallis, DRichard Cameron, Kai MA Chan, Gretchen C Daily, Joshua Goldstein, Peter M Kareiva, Eric Lonsdorf, Robin Naidoo, Taylor H Ricketts, and M Rebecca Shaw (2009). Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. <i>Frontiers in Ecology and the Environment</i> 7: 4–11. http://dx.doi.org/10.1890/080023	2009		PR	<i>Frontiers in Ecology and the Environment</i>	North America	USA	Oregon	Willamette Basin	Temperate	NA	Yes
Annual water yield	Pan T, Wu SH, Dai EF, Liu YJ (2013). [Spatiotemporal variation of water source supply service in Three Rivers Source Area of China based on InVEST model]. <i>Ying Yong Sheng Tai Xue Bao</i> 24(1):183-9. [Article in Chinese]	2013	2.1	PR		Asia	China	Qinghai province	Three Rivers Source Area	Dry	NA	No
Carbon	Polasky, S., E. Nelson, D. Pennington, K.A. Johnson (2011). The impact of land-use change on ecosystem services, biodiversity and returns to landowners: A case study in the state of Minnesota. <i>Environmental and Resource Economics</i> 48(2): 219-242. DOI 10.1007/s10640-010-9407-0	2011	1.003	PR	<i>Environmental and Resource Economics</i>	North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Crop production	Polasky, S., E. Nelson, D. Pennington, K.A. Johnson (2011). The impact of land-use change on ecosystem services, biodiversity and returns to landowners: A case study in the state of Minnesota. <i>Environmental and Resource Economics</i> 48(2): 219-242. DOI 10.1007/s10640-010-9407-0	2011	1.003	PR	<i>Environmental and Resource Economics</i>	North America	USA	Minnesota	NA	Continental/Cold	NA	Yes

Model	Citation (include doi, if available)	Year	INVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Habitat quality	Polasky, S., E. Nelson, D. Pennington, K.A. Johnson (2011). The impact of land-use change on ecosystem services, biodiversity and returns to landowners: A case study in the state of Minnesota. <i>Environmental and Resource Economics</i> 48(2): 219-242. DOI 10.1007/s10640-010-9407-0	2011	1.003	PR	<i>Environmental and Resource Economics</i>	North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Nutrient retention	Polasky, S., E. Nelson, D. Pennington, K.A. Johnson (2011). The impact of land-use change on ecosystem services, biodiversity and returns to landowners: A case study in the state of Minnesota. <i>Environmental and Resource Economics</i> 48(2): 219-242. DOI 10.1007/s10640-010-9407-0	2011	1.003	PR	<i>Environmental and Resource Economics</i>	North America	USA	Minnesota	NA	Continental/Cold	NA	Yes
Timber	Polasky, S., E. Nelson, J. Camm, B. Csuti, P. Fackler, E. Lonsdorf, C. Montgomery, D. White, J. Arthur, B. Garber-Yonts, R. Haight, J. Kagan, A. Starfield, and C. Tobalske (2008). Where to put things? Spatial land management to sustain biodiversity and economic returns. <i>Biological Conservation</i> 141:1505-1524. http://dx.doi.org/10.1016/j.biocon.2008.03.022 .	2008	proto-INVEST	PR	<i>Biological Conservation</i>	North America	USA	Oregon	Willamette Basin	Temperate	NA	Yes
Annual water yield	Sánchez-Canales, M., López Benito, A., Passuello, A., Terrado, M., Ziv, G., Acuña, V., Schuhmacher, M., Elorza, F.E. (2012) Sensitivity analysis of ecosystem service valuation in a Mediterranean watershed, <i>Science of The Total Environment</i> , Volume 440, Pages 140-153, http://dx.doi.org/10.1016/j.scitotenv.2012.07.071 .	2012	2.2.2	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat basin	Temperate	Mediterranean	Yes
Annual water yield	Su, C., Bojie Fu, (2013) Evolution of ecosystem services in the Chinese Loess Plateau under climatic and land use changes, <i>Global and Planetary Change</i> , Volume 101, Pages 119-128, http://dx.doi.org/10.1016/j.gloplacha.2012.12.014 .	2013	2.2.2	PR	<i>Global and Planetary Change</i>	Asia	China	parts of the Shanxi, Henan, Shaanxi, and Gansu provinces	Loess Plateau	Dry/Continental	NA	No
Sediment retention	Su, C., Bojie Fu, (2013) Evolution of ecosystem services in the Chinese Loess Plateau under climatic and land use changes, <i>Global and Planetary Change</i> , Volume 101, Pages 119-128, http://dx.doi.org/10.1016/j.gloplacha.2012.12.014 .	2013	2.2.2	PR	<i>Global and Planetary Change</i>	Asia	China	parts of the Shanxi, Henan, Shaanxi, and Gansu provinces	Loess Plateau	Dry/Continental	NA	No
Annual water yield	Terrado, M., V. Acuña, D. Ennaanay, H. Tallis, S. Sabater (2014) Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin, <i>Ecological Indicators</i> , Volume 37, Part A, Pages 199-209, http://dx.doi.org/10.1016/j.ecolind.2013.01.016 .	2014	2.2.2	PR	<i>Ecological Indicators</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Nutrient retention	Terrado, M., V. Acuña, D. Ennaanay, H. Tallis, S. Sabater (2014) Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin, <i>Ecological Indicators</i> , Volume 37, Part A, Pages 199-209, http://dx.doi.org/10.1016/j.ecolind.2013.01.016 .	2014	2.2.2	PR	<i>Ecological Indicators</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Sediment retention	Terrado, M., V. Acuña, D. Ennaanay, H. Tallis, S. Sabater (2014) Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin, <i>Ecological Indicators</i> , Volume 37, Part A, Pages 199-209, http://dx.doi.org/10.1016/j.ecolind.2013.01.016 .	2014	2.2.2	PR	<i>Ecological Indicators</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Habitat quality	Terrado, M., S. Sabater, B. Chaplin-Kramer, L. Mandle, G. Ziv & V. Acuna, (2016) Model development for the assessment of terrestrial and aquatic habitat quality in conservation planning. <i>Science of the Total Environment</i> 540: 63-70	2016	2.4.4	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Annual water yield	Wang, Y.K., B. Fu, P. Xu (2012). Evaluation the impact of earthquake on ecosystem services, <i>Procedia Environmental Sciences</i> 13: 954-966. http://dx.doi.org/10.1016/j.proenv.2012.01.089 .	2012		PR	<i>Procedia Environmental Sciences</i>	Asia	China	Southwest China	transition area from the Tibetan Plateau to Sichuan Basin	Temperate	NA	No
Carbon	Wang, Y.K., B. Fu, P. Xu (2012). Evaluation the impact of earthquake on ecosystem services, <i>Procedia Environmental Sciences</i> 13: 954-966. http://dx.doi.org/10.1016/j.proenv.2012.01.089 .	2012		PR	<i>Procedia Environmental Sciences</i>	Asia	China	Southwest China	transition area from the Tibetan Plateau to Sichuan Basin	Temperate	NA	No
Sediment retention	Wang, Y.K., B. Fu, P. Xu (2012). Evaluation the impact of earthquake on ecosystem services, <i>Procedia Environmental Sciences</i> 13: 954-966. http://dx.doi.org/10.1016/j.proenv.2012.01.089 .	2012		PR	<i>Procedia Environmental Sciences</i>	Asia	China	Southwest China	transition area from the Tibetan Plateau to Sichuan Basin	Temperate	NA	No
Habitat quality	Wu, Jiansheng, Zhe Feng, Yang Gao, Jian Peng (2013). Hotspot and relationship identification in multiple landscape services: A case study on an area with intensive human activities. <i>Ecological Indicators</i> 29:529-537. http://dx.doi.org/10.1016/j.ecolind.2013.01.037	2013		2.1 PR	<i>Ecological Indicators</i>	Asia	China	NA	Beijing, Tianjin, Zhangjiakou, Chengde, Langfang, Baoding, Tangshan	Continental/Cold	NA	No
Annual water yield	Zhang, C., Li W., Zhang B., Liu M. (2012) Water Yield of Xitiaoxi River Basin Based on InVEST Modeling. <i>Journal of Resources and Ecology</i> . 2012, Vol. 3 Issue (1): 50-54 DOI: 10.5814/j.issn.1674-764x.2012.01.008	2012	NA	PR	<i>Journal of Resources and Ecology</i>	Asia	China	Zhejiang province	Xitiaoxi River basin	Temperate	subtropical monsoon climate	No
Sediment retention	ZHOU Bin,YU Xin-xiao,CHEN Li-hua,ZHANG Zhen-ming,Lü Xi-zhi,FAN Min-rui (2010). Soil erosion simulation in mountain areas of Beijing based on InVEST model. <i>Research of Soil and Water Conservation</i> 6.	2010	NA	PR	<i>Research of Soil and Water Conservation</i>	Asia	China	NA	Beijing and surrounding areas	Temperate	NA	No
Pollination	Zulian G, Maes J, Paracchini ML. (2013) Linking Land Cover Data and Crop Yields for Mapping and Assessment of Pollination Services in Europe. <i>Land</i> . 2(3):472-492	2013	NA	PR	<i>Land</i>	Europe	All of Europe	NA	NA	Varying	NA	No
Annual water yield	Song, C. H., Lee, W. K., Choi, H. A., Jeon, S. W., Kim, J. U., Kim, J. S., & Kim, J. T. (2015). Application of InVEST Water Yield Model for Assessing Forest Water Provisioning Ecosystem Service. <i>Journal of the Korean Association of Geographic Information Studies</i> , 18(1), 120-134.	2015	NA	PR	<i>Journal of the Korean Association of Geographic Information Studies</i>	Asia	South Korea	NA	NA	Varying	NA	No
Habitat quality	Keller, A. A., Fournier, E., & Fox, J. (2015). Minimizing impacts of land use change on ecosystem services using multi-criteria heuristic analysis. <i>Journal of environmental management</i> , 156, 23-30.	2015	2.2.2	PR	<i>Journal of Environmental Management</i>	NA	NA	NA	NA	NA	NA	No
Carbon	Keller, A. A., Fournier, E., & Fox, J. (2015). Minimizing impacts of land use change on ecosystem services using multi-criteria heuristic analysis. <i>Journal of environmental management</i> , 156, 23-30.	2015	2.2.2	PR	<i>Journal of Environmental Management</i>	NA	NA	NA	NA	NA	NA	No
Nutrient retention	Keller, A. A., Fournier, E., & Fox, J. (2015). Minimizing impacts of land use change on ecosystem services using multi-criteria heuristic analysis. <i>Journal of environmental management</i> , 156, 23-30.	2015	2.2.2	PR	<i>Journal of Environmental Management</i>	NA	NA	NA	NA	NA	NA	No
Sediment retention	Keller, A. A., Fournier, E., & Fox, J. (2015). Minimizing impacts of land use change on ecosystem services using multi-criteria heuristic analysis. <i>Journal of environmental management</i> , 156, 23-30.	2015	2.2.2	PR	<i>Journal of Environmental Management</i>	NA	NA	NA	NA	NA	NA	No
Pollination	Keller, A. A., Fournier, E., & Fox, J. (2015). Minimizing impacts of land use change on ecosystem services using multi-criteria heuristic analysis. <i>Journal of environmental management</i> , 156, 23-30.	2015	2.2.2	PR	<i>Journal of Environmental Management</i>	NA	NA	NA	NA	NA	NA	No

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Annual water yield	Karp, D. S., Tallis, H., Sachse, R., Halpern, B., Thonicke, K., Cramer, W., ... & Walz, A. (2015). National indicators for observing ecosystem service change. <i>Global Environmental Change</i> , 35, 12-21.	2015	2.5.3	PR	<i>Global Environmental Change</i>	Global	NA	NA	NA	Varying	NA	Yes
Annual water yield	Gao, Y., Feng, Z., Li, Y., & Li, S. (2014). Freshwater ecosystem service footprint model: A model to evaluate regional freshwater sustainable development—A case study in Beijing—Tianjin—Hebei, China. <i>Ecological Indicators</i> , 39, 1-9.	2014	2.5.4	PR	<i>Ecological Indicators</i>	Asia	China	Beijing-Tianjin-Hebei	NA	Temperate	NA	No
Carbon	Delphin, S., Escobedo, F. J., Abd-Elrahman, A., & Cropper, W. P. (2016). Urbanization as a land use change driver of forest ecosystem services. <i>Land Use Policy</i> , 54, 188-199.	2016	2.2.2	PR	<i>Land Use Policy</i>	North America	USA	Florida	Lower Suwannee (rural) and Pensacola Bay (urban) watersheds	Temperate	Humid subtropical	No
Annual water yield	Delphin, S., Escobedo, F. J., Abd-Elrahman, A., & Cropper, W. P. (2016). Urbanization as a land use change driver of forest ecosystem services. <i>Land Use Policy</i> , 54, 188-199.	2016	2.2.2	PR	<i>Land Use Policy</i>	North America	USA	Florida	Lower Suwannee (rural) and Pensacola Bay (urban) watersheds	Temperate	Humid subtropical	No
Timber	Delphin, S., Escobedo, F. J., Abd-Elrahman, A., & Cropper, W. P. (2016). Urbanization as a land use change driver of forest ecosystem services. <i>Land Use Policy</i> , 54, 188-199.	2016	2.2.2	PR	<i>Land Use Policy</i>	North America	USA	Florida	Lower Suwannee (rural) and Pensacola Bay (urban) watersheds	Temperate	Humid subtropical	No
Annual water yield	Chiang, L. C., Lin, Y. P., Huang, T., Schmeller, D. S., Verburg, P. H., Liu, Y. L., & Ding, T. S. (2014). Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 122, 41-55.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Chenyulan watershed	Tropical	monsoon seasons	No
Carbon	Chiang, L. C., Lin, Y. P., Huang, T., Schmeller, D. S., Verburg, P. H., Liu, Y. L., & Ding, T. S. (2014). Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 122, 41-55.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Chenyulan watershed	Tropical	monsoon seasons	No
Habitat quality	Chiang, L. C., Lin, Y. P., Huang, T., Schmeller, D. S., Verburg, P. H., Liu, Y. L., & Ding, T. S. (2014). Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 122, 41-55.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Chenyulan watershed	Tropical	monsoon seasons	No
Nutrient retention	Chiang, L. C., Lin, Y. P., Huang, T., Schmeller, D. S., Verburg, P. H., Liu, Y. L., & Ding, T. S. (2014). Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 122, 41-55.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Chenyulan watershed	Tropical	monsoon seasons	No
Sediment retention	Chiang, L. C., Lin, Y. P., Huang, T., Schmeller, D. S., Verburg, P. H., Liu, Y. L., & Ding, T. S. (2014). Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons. <i>Landscape and Urban Planning</i> , 122, 41-55.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Chenyulan watershed	Tropical	monsoon seasons	No
Nutrient retention	Boithias, L., Terrado, M., Corominas, L., Ziv, G., Kumar, V., Marqués, M., ... & Acuña, V. (2016). Analysis of the uncertainty in the monetary valuation of ecosystem services—A case study at the river basin scale. <i>Science of the Total Environment</i> , 543, 683-690.	2016	2.2.0	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Sediment retention	Boithias, L., Terrado, M., Corominas, L., Ziv, G., Kumar, V., Marqués, M., ... & Acuña, V. (2016). Analysis of the uncertainty in the monetary valuation of ecosystem services—A case study at the river basin scale. <i>Science of the Total Environment</i> , 543, 683-690.	2016	2.2.0	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Annual water yield	Boithias, L., Terrado, M., Corominas, L., Ziv, G., Kumar, V., Marqués, M., ... & Acuña, V. (2016). Analysis of the uncertainty in the monetary valuation of ecosystem services—A case study at the river basin scale. <i>Science of the Total Environment</i> , 543, 683-690.	2016	2.2.0	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Sediment retention	Hamel, P., Chaplin-Kramer, R., Sim, S., & Mueller, C. (2015). A new approach to modeling the sediment retention service (InVEST 3.0): Case study of the Cape Fear catchment, North Carolina, USA. <i>Science of the Total Environment</i> , 524, 166-177.	2015		3 PR	<i>Science of the Total Environment</i>	North America	USA	North Carolina	Cape Fear basin	Temperate	humid subtropical	Yes
Annual water yield	Jiang, C., Li, D., Wang, D., & Zhang, L. (2016). Quantification and assessment of changes in ecosystem service in the Three-River Headwaters Region, China as a result of climate variability and land cover change. <i>Ecological Indicators</i> , 66, 199-211.	2016	2.2.2	PR	<i>Ecological Indicators</i>	Asia	China	southern Qinghai (Qinghai-Tibet Plateau)	Three-River Headwater Region	Dry	NA	No
Sediment retention	Jiang, C., Li, D., Wang, D., & Zhang, L. (2016). Quantification and assessment of changes in ecosystem service in the Three-River Headwaters Region, China as a result of climate variability and land cover change. <i>Ecological Indicators</i> , 66, 199-211.	2016	2.2.2	PR	<i>Ecological Indicators</i>	Asia	China	southern Qinghai (Qinghai-Tibet Plateau)	Three-River Headwater Region	Dry	NA	No
Carbon	Tao, Y., Li, F., Liu, X., Zhao, D., Sun, X., & Xu, L. (2015). Variation in ecosystem services across an urbanization gradient: A study of terrestrial carbon stocks from Changzhou, China. <i>Ecological Modelling</i> , 318, 210-216.	2015	2.4.2	PR	<i>Ecological Modelling</i>	Asia	China	Jiangsu Province	Changzhou	Temperate	humid	No
Habitat quality	Wu, C. F., Lin, Y. P., Chiang, L. C., & Huang, T. (2014). Assessing highway's impacts on landscape patterns and ecosystem services: a case study in Puli Township, Taiwan. <i>Landscape and Urban Planning</i> , 128, 60-71.	2014		2.1 PR	<i>Landscape and Urban Planning</i>	Asia	Taiwan	Nantou County	Puli Township	Tropical	monsoon seasons	No
Pollination	Egoh, B. N., Paracchini, M. L., Zulian, G., Schägner, J. P., & Bidoglio, G. (2014). Exploring restoration options for habitats, species and ecosystem services in the European Union. <i>Journal of Applied Ecology</i> , 51(4), 899-908.	2014	modified version of model	PR	<i>Journal of Applied Ecology</i>	Europe	all EU countries (counting the UK, not counting Croatia)	NA	NA	NA	NA	No
Sediment retention	Sánchez-Canales, M., López-Benito, A., Acuña, V., Ziv, G., Hamel, P., Chaplin-Kramer, R., & Elorza, F. J. (2015). Sensitivity analysis of a sediment dynamics model applied in a Mediterranean river basin: global change and management implications. <i>Science of The Total Environment</i> , 502, 602-610.	2015	2.4.1	PR	<i>Science of the Total Environment</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	Yes
Carbon	Harmáčková, Z. V., & Vačkář, D. (2015). Modelling regulating ecosystem services trade-offs across landscape scenarios in Třeboňsko Wetlands Biosphere Reserve, Czech Republic. <i>Ecological Modelling</i> , 295, 207-215.	2015	2.4.4	PR	<i>Ecological Modelling</i>	Europe	Czech Republic	Southern Bohemia	Třebonsko Wetlands Biosphere Reserve	Continental/Cold	NA	No
Nutrient retention	Harmáčková, Z. V., & Vačkář, D. (2015). Modelling regulating ecosystem services trade-offs across landscape scenarios in Třeboňsko Wetlands Biosphere Reserve, Czech Republic. <i>Ecological Modelling</i> , 295, 207-215.	2015	2.4.4	PR	<i>Ecological Modelling</i>	Europe	Czech Republic	Southern Bohemia	Třebonsko Wetlands Biosphere Reserve	Continental/Cold	NA	No
Annual water yield	Petz, K., Glenday, J., & Alkemade, R. (2014). Land management implications for ecosystem services in a South African rangeland. <i>Ecological indicators</i> , 45, 692-703.	2014		2 PR	<i>Ecological Indicators</i>	Africa	South Africa	Eastern Cape	Baviaanskloof River catchment	Temperate	Oceanic	No

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Sediment retention	Petz, K., Glenday, J., & Alkemade, R. (2014). Land management implications for ecosystem services in a South African rangeland. <i>Ecological indicators</i> ,45, 692-703.	2014		2 PR	<i>Ecological Indicators</i>	Africa	South Africa	Eastern Cape	Baviaanskloof River catchment	Temperate	Oceanic	No
Annual water yield	Früh-Müller, A., Hotes, S., Breuer, L., Wolters, V., & Koellner, T. (2016). Regional Patterns of Ecosystem Services in Cultural Landscapes. <i>Land</i> , 5(2), 17.	2016	3.0.0	PR	<i>Land</i>	Europe	Germany	Hesse	Wetterau and Vogelsberg counties	Temperate	NA	No
Carbon	Früh-Müller, A., Hotes, S., Breuer, L., Wolters, V., & Koellner, T. (2016). Regional Patterns of Ecosystem Services in Cultural Landscapes. <i>Land</i> , 5(2), 17.	2016	3.0.0	PR	<i>Land</i>	Europe	Germany	Hesse	Wetterau and Vogelsberg counties	Temperate	NA	No
Sediment retention	Früh-Müller, A., Hotes, S., Breuer, L., Wolters, V., & Koellner, T. (2016). Regional Patterns of Ecosystem Services in Cultural Landscapes. <i>Land</i> , 5(2), 17.	2016	3.0.0	PR	<i>Land</i>	Europe	Germany	Hesse	Wetterau and Vogelsberg counties	Temperate	NA	No
Carbon	Palomo, I., Martín-López, B., Alcorlo, P., & Montes, C. (2014). Limitations of protected areas zoning in Mediterranean cultural landscapes under the ecosystem services approach. <i>Ecosystems</i> , 17(7), 1202-1215.	2014	NA	PR	<i>Ecosystems</i>	Europe	Spain	Andalusia	Doñana (at end of Guadalquivir River watershed) and Sierra Nevada (at headwater of river basin)	Temperate	Mediterranean	No
Sediment retention	Ting, L., Kang, L., Sheng, H., & Yu-bin, B. A. O. (2014). Soil erosion and ecological benefits evaluation of Q inlin Mountains based on the INVEST model. <i>Resource and Environment in the Yangtze Basin</i> , 23(9), 1242-1250.	2014	NA	PR	<i>Resources and Environment in the Yangtze Basin</i>	Asia	China	Shaanxi Province	Qinling Mountains	Dry	Semiarid	No
Habitat quality	Hou, Y., Müller, F., Li, B., & Kroll, F. (2015). Urban-Rural Gradients of Ecosystem Services and the Linkages with Socioeconomics. <i>Landscape Online</i> , 39, 1-31.	2015	2.5.5	PR	<i>Landscape Online</i>	Asia, Europe	China, Germany	Yunnan province, Leipzig	Kunming region, Leipzing urban-rural area	Temperate, Temperate	NA	No
Carbon	Alarcon, G. G., Ayanu, Y., Fantini, A. C., Farley, J., Schmitt Filho, A., & Koellner, T. (2015). Weakening the Brazilian legislation for forest conservation has severe impacts for ecosystem services in the Atlantic Southern Forest. <i>Land Use Policy</i> , 47, 1-11.	2015	2.4.0	PR	<i>Land Use Policy</i>	South America	Brazil	Santa Catarina, Southern Atlantic Forest	The Chapecó Ecological Corridor	Tropical	NA	No
Habitat quality	Alarcon, G. G., Ayanu, Y., Fantini, A. C., Farley, J., Schmitt Filho, A., & Koellner, T. (2015). Weakening the Brazilian legislation for forest conservation has severe impacts for ecosystem services in the Atlantic Southern Forest. <i>Land Use Policy</i> , 47, 1-11.	2015	2.4.0	PR	<i>Land Use Policy</i>	South America	Brazil	Santa Catarina, Southern Atlantic Forest	The Chapecó Ecological Corridor	Tropical	NA	No
Sediment retention	Alarcon, G. G., Ayanu, Y., Fantini, A. C., Farley, J., Schmitt Filho, A., & Koellner, T. (2015). Weakening the Brazilian legislation for forest conservation has severe impacts for ecosystem services in the Atlantic Southern Forest. <i>Land Use Policy</i> , 47, 1-11.	2015	3.0.1	PR	<i>Land Use Policy</i>	South America	Brazil	Santa Catarina, Southern Atlantic Forest	The Chapecó Ecological Corridor	Tropical	NA	No
Carbon	Meyer, M. A., Chand, T., & Priess, J. A. (2015). Comparing bioenergy production sites in the Southeastern US regarding ecosystem service supply and demand. <i>PLoS one</i> , 10(3), e0116336.	2015	2.5.6	PR	<i>PLoS ONE</i>	North America	USA	Mississippi, Georgia	Big Sunflower watershed, Satilla watershed	Temperate	NA	No
Sediment retention	Meyer, M. A., Chand, T., & Priess, J. A. (2015). Comparing bioenergy production sites in the Southeastern US regarding ecosystem service supply and demand. <i>PLoS one</i> , 10(3), e0116336.	2015	2.5.6	PR	<i>PLoS ONE</i>	North America	USA	Mississippi, Georgia	Big Sunflower watershed, Satilla watershed	Temperate	NA	No
Nutrient retention	Meyer, M. A., Chand, T., & Priess, J. A. (2015). Comparing bioenergy production sites in the Southeastern US regarding ecosystem service supply and demand. <i>PLoS one</i> , 10(3), e0116336.	2015	2.5.6	PR	<i>PLoS ONE</i>	North America	USA	Mississippi, Georgia	Big Sunflower watershed, Satilla watershed	Temperate	NA	No
Annual water yield	Blumstein, M., & Thompson, J. R. (2015). Land-use impacts on the quantity and configuration of ecosystem service provisioning in Massachusetts, USA. <i>Journal of Applied Ecology</i> , 52(4), 1009-1019.	2015	3.1.0	PR	<i>Journal of Applied Ecology</i>	North America	USA	Massachusetts	NA	Continental/Cold	NA	No

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Nutrient retention	Blumstein, M., & Thompson, J. R. (2015). Land-use impacts on the quantity and configuration of ecosystem service provisioning in Massachusetts, USA. <i>Journal of Applied Ecology</i> , 52(4), 1009-1019.	2015	3.1.0	PR	<i>Journal of Applied Ecology</i>	North America	USA	Massachusetts	NA	Continental/Cold	NA	No
Habitat quality	Blumstein, M., & Thompson, J. R. (2015). Land-use impacts on the quantity and configuration of ecosystem service provisioning in Massachusetts, USA. <i>Journal of Applied Ecology</i> , 52(4), 1009-1019.	2015	3.1.0	PR	<i>Journal of Applied Ecology</i>	North America	USA	Massachusetts	NA	Continental/Cold	NA	No
Habitat risk assessment	Duggan, J. M., Eichelberger, B. A., Ma, S., Lawler, J. J., & Ziv, G. (2015). Informing management of rare species with an approach combining scenario modeling and spatially explicit risk assessment. <i>Ecosystem Health and Sustainability</i> , 1(6), 1-18.	2015	2.2.0	PR	<i>Ecosystem Health and Sustainability</i>	North America	USA	Washington	pre-European Puget Sound prairie ecosystem	Temperate	NA	Yes
Carbon	He, C., Zhang, D., Huang, Q., & Zhao, Y. (2016). Assessing the potential impacts of urban expansion on regional carbon storage by linking the LUSD-urban and InVEST models. <i>Environmental Modelling & Software</i> , 75, 44-58.	2016	2.6.0	PR	<i>Environment Modelling and Software</i>	Asia	China		Beijing (entire administrative area)	Temperate	semi-humid, continental and monsoon climate	No
Timber	Chirici, G., Sallustio, L., Vizzarri, M., Marchetti, M., Barbati, A., Corona, P., ... & Lombardi, F. (2014). Advanced earth observation approach for multiscale forest ecosystem services modeling and mapping (MIMOSE). <i>Annali di Botanica</i> , 4, 27-34.	2014	2.6.0	PR	<i>Annali Di Botanica</i>	Europe	Italy	Province of Campobasso, Province of Isernia	Molise Region	Temperate	mediterranean	No
Annual water yield	Zhang, X., Niu, J., Buyantuev, A., Zhang, Q., Dong, J., Kang, S., & Zhang, J. (2016). Understanding Grassland Degradation and Restoration from the Perspective of Ecosystem Services: A Case Study of the Xilin River Basin in Inner Mongolia, China. <i>Sustainability</i> , 8(7), 594.	2016	NA	PR	<i>Sustainability</i>	Asia	China	Inner Mongolia	Xilin River basin	Temperate	semi-arid continental	No
Annual water yield	Geng, X., Wang, X., Yan, H., Zhang, Q., & Jin, G. (2014). Land use/land cover change induced impacts on water supply service in the upper reach of Heihe River Basin. <i>Sustainability</i> , 7(1), 366-383.	2014	NA	PR	<i>Sustainability</i>	Asia	China	Qinghai and Gansu Provinces	Heihe River basin	Temperate and Continental	local climate influenced by multiple different climate categories	No
Carbon	Tao, Y., Li, F., Wang, R., & Zhao, D. (2015). Effects of land use and cover change on terrestrial carbon stocks in urbanized areas: a study from Changzhou, China. <i>Journal of Cleaner Production</i> , 103, 651-657.	2015	2.6.0	PR	<i>Journal of Cleaner Production</i>	Asia	China	Jiangsu Province	Changzhou	Temperate	northern subtropical monsoon	No
Annual water yield	Hamel, P., & Guswa, A. J. (2014). Uncertainty analysis of a spatially-explicit annual water-balance model: case study of the Cape Fear catchment, NC. <i>Hydrology & Earth System Sciences Discussions</i> , 11(9).	2015		3 PR	<i>Hydrology and Earth System Sciences</i>	North America	USA	North Carolina	Cape Fear basin	Temperate	humid subtropical	Yes
Habitat quality	Shoyama, K., & Yamagata, Y. (2014). Predicting land-use change for biodiversity conservation and climate-change mitigation and its effect on ecosystem services in a watershed in Japan. <i>Ecosystem Services</i> , 8, 25-34.	2014	2.4.5	PR	<i>Ecosystem Services</i>	Asia	Japan	Hokkaido Prefecture	Kushiro watershed	Temperate	NA	No
Carbon	Shoyama, K., & Yamagata, Y. (2014). Predicting land-use change for biodiversity conservation and climate-change mitigation and its effect on ecosystem services in a watershed in Japan. <i>Ecosystem Services</i> , 8, 25-34.	2014	2.4.5	PR	<i>Ecosystem Services</i>	Asia	Japan	Hokkaido Prefecture	Kushiro watershed	Temperate	NA	No
Timber	Shoyama, K., & Yamagata, Y. (2014). Predicting land-use change for biodiversity conservation and climate-change mitigation and its effect on ecosystem services in a watershed in Japan. <i>Ecosystem Services</i> , 8, 25-34.	2014	2.4.5	PR	<i>Ecosystem Services</i>	Asia	Japan	Hokkaido Prefecture	Kushiro watershed	Temperate	NA	No
Annual water yield	Shoyama, K., & Yamagata, Y. (2014). Predicting land-use change for biodiversity conservation and climate-change mitigation and its effect on ecosystem services in a watershed in Japan. <i>Ecosystem Services</i> , 8, 25-34.	2014	2.4.5	PR	<i>Ecosystem Services</i>	Asia	Japan	Hokkaido Prefecture	Kushiro watershed	Temperate	NA	No

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Carbon	Chaplin-Kramer, R., Sharp, R. P., Mandle, L., Sim, S., Johnson, J., Butnar, I., ... & McLachlan, N. (2015). Spatial patterns of agricultural expansion determine impacts on biodiversity and carbon storage. <i>Proceedings of the National Academy of Sciences</i> , 112(24), 7402-7407.	2015		3 PR	<i>Proceedings of the National Academy of Sciences of the United States of America</i>	South America	Brazil	Mato Grosso and Mato Grosso do Sul	NA	Tropical	NA	Yes
Annual water yield	Pan, T., Wu, S., & Liu, Y. (2015). Relative contributions of land use and climate change to water supply variations over yellow river source area in Tibetan plateau during the past three decades. <i>PLoS one</i> , 10(4), e0123793.	2015	2.5.3	PR	<i>PLOS ONE</i>	Asia	China	Tibetan Plateau	Yellow River source area	Temperate	NA	No
Annual water yield	Choi, H. A., Lee, W. K., Song, C., Lee, J. Y., Jeon, S. W., & Kim, J. S. (2014). Applicability Analysis of Water Provisioning Services Quantification Models of Forest Ecosystem. <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 17(4), 1-15.	2014	NA	PR	<i>Journal of the Korea Society of Environmental Restoration Technology</i>	Asia	South Korea	NA	NA	NA	NA	No
Overlap analysis	Outeiro, L., Häussermann, V., Viddi, F., Huckle-Gaete, R., Försterra, G., Oyarzo, H., ... & Villasante, S. (2015). Using ecosystem services mapping for marine spatial planning in southern Chile under scenario assessment. <i>Ecosystem Services</i> , 16, 341-353.	2015	3.0.1	PR	<i>Ecosystem Services</i>	South America	Chile	Los Lagos	Inner sea of Chiloé and its marine-coastal surroundings	Temperate	subpolar oceanic climate bordering on tundra climate	No
Recreation	Outeiro, L., Häussermann, V., Viddi, F., Huckle-Gaete, R., Försterra, G., Oyarzo, H., ... & Villasante, S. (2015). Using ecosystem services mapping for marine spatial planning in southern Chile under scenario assessment. <i>Ecosystem Services</i> , 16, 341-353.	2015	3.0.1	PR	<i>Ecosystem Services</i>	South America	Chile	Los Lagos	Inner sea of Chiloé and its marine-coastal surroundings	Temperate	subpolar oceanic climate bordering on tundra climate	No
Scenic quality	Cabral, P., Levrel, H., Viard, F., Frangoudes, K., Girard, S., & Scemama, P. (2016). Ecosystem services assessment and compensation costs for installing seaweed farms. <i>Marine Policy</i> , 71, 157-165.	2016	3.1.1	PR	<i>Marine Policy</i>	Europe	France		Normand-Breton Gulf	Temperate	NA	No
Carbon	Bottalico, F., Pesola, L., Vizzarri, M., Antonello, L., Barbati, A., Chirici, G., ... & Laforteza, R. (2016). Modeling the influence of alternative forest management scenarios on wood production and carbon storage: A case study in the Mediterranean region. <i>Environmental research</i> , 144, 72-87.	2016	2.6.0 - modified	PR	<i>Environmental Research</i>	Europe	Italy	Molise region	NA	Temperate	NA	No
Timber	Bottalico, F., Pesola, L., Vizzarri, M., Antonello, L., Barbati, A., Chirici, G., ... & Laforteza, R. (2016). Modeling the influence of alternative forest management scenarios on wood production and carbon storage: A case study in the Mediterranean region. <i>Environmental research</i> , 144, 72-87.	2016	2.6.0 - modified	PR	<i>Environmental Research</i>	Europe	Italy	Molise region	NA	Temperate	NA	No
Habitat quality	Jiang, C., & Zhang, L. (2016). Effect of ecological restoration and climate change on ecosystems: A case study in the Three-Rivers Headwater Region, China. <i>Environmental monitoring and assessment</i> , 188(6), 1-20.	2016	3.3.0	PR	<i>Environmental Monitoring and Assessment</i>	Asia	China	southern Qinghai (Qinghai-Tibet Plateau)	Three-Rivers Headwater Region	Dry	NA	No
Carbon	Garrastazú, M. C., Mendonça, S. D., Horokoski, T. T., Cardoso, D. J., Rosot, M. A., Nimmo, E. R., & Lacerda, A. E. (2015). Carbon sequestration and riparian zones: Assessing the impacts of changing regulatory practices in Southern Brazil. <i>Land Use Policy</i> , 42, 329-339.	2015	2.5.4	PR	<i>Land Use Policy</i>	South America	Brazil	municipality of Caçador, Santa Catarina state	Rio do Peixe river basin	Temperate	subtropical highland	No
Wave energy	Kim, C. K., Toft, J. E., Papenfus, M., Verutes, G., Guerry, A. D., Ruckelshaus, M. H., ... & Tallis, H. (2012). Catching the right wave: evaluating wave energy resources and potential compatibility with existing marine and coastal uses. <i>PLoS one</i> , 7(11), e47598.	2012	2.3.0	PR	NA	North America	Canada	British Columbia	Vancouver Island coast	Temperate	NA	Yes
Scenic quality	Outeiro, L., & Villasante, S. (2013). Linking salmon aquaculture synergies and trade-offs on ecosystem services to human wellbeing constituents. <i>Ambio</i> , 42(8), 1022-1036.	2013	2.5.5	PR	<i>AMBIO A Journal of the Human Environment</i>	South America	Chile	Chileo region	15 municipalities in Los Lagos	Temperate	oceanic	No

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Carbon	Liu, Y., Zhang, H., Yang, X., Wang, Y., Wang, X., & Cai, Y. (2013). Identifying priority areas for the conservation of ecosystem services using GIS-based multicriteria evaluation. <i>Pol. J. Ecol.</i> 61(3), 415-430.	2013	2.22	PR	<i>Polish Journal of Ecology</i>	Asia	China	Fujian province	FuZhou	Temperate	humid subtropical monsoon climate	No
Nutrient retention	Liu, Y., Zhang, H., Yang, X., Wang, Y., Wang, X., & Cai, Y. (2013). Identifying priority areas for the conservation of ecosystem services using GIS-based multicriteria evaluation. <i>Pol. J. Ecol.</i> 61(3), 415-430.	2013	2.22	PR	<i>Polish Journal of Ecology</i>	Asia	China	Fujian province	FuZhou	Temperate	humid subtropical monsoon climate	No
Annual water yield	Liu, Y., Zhang, H., Yang, X., Wang, Y., Wang, X., & Cai, Y. (2013). Identifying priority areas for the conservation of ecosystem services using GIS-based multicriteria evaluation. <i>Pol. J. Ecol.</i> 61(3), 415-430.	2013	2.22	PR	<i>Polish Journal of Ecology</i>	Asia	China	Fujian province	FuZhou	Temperate	humid subtropical monsoon climate	No
Timber	Liu, Y., Zhang, H., Yang, X., Wang, Y., Wang, X., & Cai, Y. (2013). Identifying priority areas for the conservation of ecosystem services using GIS-based multicriteria evaluation. <i>Pol. J. Ecol.</i> 61(3), 415-430.	2013	2.22	PR	<i>Polish Journal of Ecology</i>	Asia	China	Fujian province	FuZhou	Temperate	humid subtropical monsoon climate	No
Sediment retention	Liu, Y., Zhang, H., Yang, X., Wang, Y., Wang, X., & Cai, Y. (2013). Identifying priority areas for the conservation of ecosystem services using GIS-based multicriteria evaluation. <i>Pol. J. Ecol.</i> 61(3), 415-430.	2013	2.22	PR	<i>Polish Journal of Ecology</i>	Asia	China	Fujian province	FuZhou	Temperate	humid subtropical monsoon climate	No
Carbon	Sallustio, L., Quatrini, V., Geneletti, D., Corona, P., & Marchetti, M. (2015). Assessing land take by urban development and its impact on carbon storage: Findings from two case studies in Italy. <i>Environmental Impact Assessment Review</i> , 54, 80-90.	2015	2.6.0	PR	<i>Environmental Impact Assessment Review</i>	Europe	Italy	Province of Rome and Molise Region	NA	Temperate	mediterranean	No
Habitat quality	Reddy, S. M., Guannel, G., Griffin, R., Faries, J., Boucher, T., Thompson, M., ... & Silver, J. A. (2015). Evaluating the role of coastal habitats and sea-level rise in hurricane risk mitigation: An ecological economic assessment method and application to a business decision. <i>Integrated environmental assessment and management</i> .	2015		3 PR	<i>Integrated Environmental Assessment and Management</i>	North America	USA	Texas	Freeport (site of The Dow Chemical Company's Texas operation)	Temperate	warm oceanic/humid subtropical	Yes
Recreation	Reddy, S. M., Guannel, G., Griffin, R., Faries, J., Boucher, T., Thompson, M., ... & Silver, J. A. (2015). Evaluating the role of coastal habitats and sea-level rise in hurricane risk mitigation: An ecological economic assessment method and application to a business decision. <i>Integrated environmental assessment and management</i> .	2015	2.5.3, 3.0	PR	<i>Integrated Environmental Assessment and Management</i>	North America	USA	Texas	Freeport (site of The Dow Chemical Company's Texas operation)	Temperate	warm oceanic/humid subtropical	Yes
Coastal blue carbon	Reddy, S. M., Guannel, G., Griffin, R., Faries, J., Boucher, T., Thompson, M., ... & Silver, J. A. (2015). Evaluating the role of coastal habitats and sea-level rise in hurricane risk mitigation: An ecological economic assessment method and application to a business decision. <i>Integrated environmental assessment and management</i> .	2015	2.5.3, 3.0	PR	<i>Integrated Environmental Assessment and Management</i>	North America	USA	Texas	Freeport (site of The Dow Chemical Company's Texas operation)	Temperate	warm oceanic/humid subtropical	Yes
Carbon	Schulze, J., Frank, K., Priess, J. A., & Meyer, M. A. (2016). Assessing Regional-Scale Impacts of Short Rotation Coppices on Ecosystem Services by Modeling Land-Use Decisions. <i>PLoS one</i> , 11 (4), e0153862.	2016	2.5.6	PR	<i>PLoS one</i>	Europe	Germany	Saxony	Mulde watershed	Temperate	NA	No
Sediment retention	Schulze, J., Frank, K., Priess, J. A., & Meyer, M. A. (2016). Assessing Regional-Scale Impacts of Short Rotation Coppices on Ecosystem Services by Modeling Land-Use Decisions. <i>PLoS one</i> , 11 (4), e0153862.	2016	2.5.6	PR	<i>PLoS one</i>	Europe	Germany	Saxony	Mulde watershed	Temperate	NA	No
Nutrient retention	Schulze, J., Frank, K., Priess, J. A., & Meyer, M. A. (2016). Assessing Regional-Scale Impacts of Short Rotation Coppices on Ecosystem Services by Modeling Land-Use Decisions. <i>PLoS one</i> , 11 (4), e0153862.	2016	2.5.6	PR	<i>PLoS one</i>	Europe	Germany	Saxony	Mulde watershed	Temperate	NA	No

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Habitat quality	Schulze, J., Frank, K., Priess, J. A., & Meyer, M. A. (2016). Assessing Regional-Scale Impacts of Short Rotation Coppices on Ecosystem Services by Modeling Land-Use Decisions. <i>PLoS one</i> , 11 (4), e0153862.	2016	2.5.6	PR	<i>PLOS one</i>	Europe	Germany	Saxony	Mulde watershed	Temperate	NA	No
Overlap analysis	Ventín, L. B., de Souza Troncoso, J., & Villasante, S. (2015). Towards adaptive management of the natural capital: Disentangling trade-offs among marine activities and seagrass meadows. <i>Marine pollution bulletin</i> , 101(1), 29-38.	2015	2.4.4	PR	<i>Marine Pollution Bulletin</i>	Europe	Spain	Galicia	San Simón Bay	Temperate	NA	No
Carbon	Palacios-Agundez, I., Onaindia, M., Potschin, M., Tratalos, J. A., Madariaga, I., & Haines-Young, R. (2015). Relevance for decision making of spatially explicit, participatory scenarios for ecosystem services in an area of a high current demand. <i>Environmental Science & Policy</i> , 54, 199-209.	2015	2.5.6	PR	<i>Environmental Science & Policy</i>	Europe	Spain	Biscay	NA	Temperate	humid	No
Annual water yield	Gao, J., Li, F., Gao, H., Zhou, C., & Zhang, X. (2016). The impact of land-use change on water-related ecosystem services: a study of the Guishui River Basin, Beijing, China. <i>Journal of Cleaner Production</i> .	2016		3 PR	<i>Journal of Cleaner Production</i>	Asia	China	Beijing	Guishi River Basin	Temperate	NA	No
Sediment retention	Gao, J., Li, F., Gao, H., Zhou, C., & Zhang, X. (2016). The impact of land-use change on water-related ecosystem services: a study of the Guishui River Basin, Beijing, China. <i>Journal of Cleaner Production</i> .	2016		3 PR	<i>Journal of Cleaner Production</i>	Asia	China	Beijing	Guishi River Basin	Temperate	NA	No
Nutrient retention	Gao, J., Li, F., Gao, H., Zhou, C., & Zhang, X. (2016). The impact of land-use change on water-related ecosystem services: a study of the Guishui River Basin, Beijing, China. <i>Journal of Cleaner Production</i> .	2016		3 PR	<i>Journal of Cleaner Production</i>	Asia	China	Beijing	Guishi River Basin	Temperate	NA	No
Annual water yield	Saad, S. I., da Rocha, H. R., & da Silva, J. M. (2015). The impact of roads and sediment basins on simulated river discharge and sediment flux in an experimental catchment designed to improve ecosystem services.	2015	2.4, 3.1	PR	<i>Hydrology and Earth System Sciences</i>	South America	Brazil	Minas Gerais	Posses River Basin	Tropical	NA	No
Sediment retention	Saad, S. I., da Rocha, H. R., & da Silva, J. M. (2015). The impact of roads and sediment basins on simulated river discharge and sediment flux in an experimental catchment designed to improve ecosystem services.	2015	2.4, 3.1	PR	<i>Hydrology and Earth System Sciences</i>	South America	Brazil	Minas Gerais	Posses River Basin	Tropical	NA	No
Carbon	Krkoška Lorencová, E., Harmáčková, Z. V., Landová, L., Pártl, A., & Vačkář, D. (2016). Assessing impact of land use and climate change on regulating ecosystem services in the Czech Republic. <i>Ecosystem Health and Sustainability</i> , 2(3).	2016	2.4.4	PR	<i>Ecosystem Health and Sustainability</i>	Europe	Czech Republic	NA	NA	Continental/Cold	NA	No
Nutrient retention	Krkoška Lorencová, E., Harmáčková, Z. V., Landová, L., Pártl, A., & Vačkář, D. (2016). Assessing impact of land use and climate change on regulating ecosystem services in the Czech Republic. <i>Ecosystem Health and Sustainability</i> , 2(3).	2016	2.4.4	PR	<i>Ecosystem Health and Sustainability</i>	Europe	Czech Republic	NA	NA	Continental/Cold	NA	No
Scenic quality	Verutes, G. M., Huang, C., Estrella, R. R., & Loyd, K. (2014). Exploring scenarios of light pollution from coastal development reaching sea turtle nesting beaches near Cabo Pulmo, Mexico. <i>Global Ecology and Conservation</i> , 2, 170-180.	2014	3.0.1	PR	<i>Global Ecology and Conservation</i>	Central America	Mexico	Baja California Sur	Cabo Pulmo	Dry	NA	Yes
Scenic quality	Griffin, R., Chaumont, N., Denu, D., Guerry, A., Kim, C. K., & Ruckelshaus, M. (2015). Incorporating the visibility of coastal energy infrastructure into multi-criteria siting decisions. <i>Marine Policy</i> , 62, 218-223.	2015	NA	PR	<i>Marine Policy</i>	North America	USA	Rhode Island	Block Island	Temperate/Continental	NA	Yes

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Wind energy	Griffin, R., Chaumont, N., Denu, D., Guerry, A., Kim, C. K., & Ruckelshaus, M. (2015). Incorporating the visibility of coastal energy infrastructure into multi-criteria siting decisions. <i>Marine Policy</i> , 62, 218-223.	2015	NA	PR	<i>Marine Policy</i>	North America	USA	Rhode Island	Block Island	Temperate/Continental	NA	Yes
Coastal vulnerability	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Habitat risk assessment	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Overlap analysis	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Recreation	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Scenic quality	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Habitat quality	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Carbon	Chung, M. G., Kang, H., & Choi, S. U. (2015). Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. <i>PLoS one</i> , 10(7), e0133856.	2015	2.5.6	PR	<i>PLoS one</i>	Asia	South Korea	Western and southern coastal zones	NA	Temperate	NA	No
Sediment retention	Bogdan, S. M., Pătru-Stupariu, I., & Zaharia, L. (2016). The Assessment of Regulatory Ecosystem Services: The Case of the Sediment Retention Service in a Mountain Landscape in the Southern Romanian Carpathians. <i>Procedia Environmental Sciences</i> , 32, 12-27.	2016		3.2 PR	<i>Procedia Environmental Sciences</i>	Europe	Romania	Arges County	Upper Raul Targului catchment, Iezer Mountains	Temperate-Continental	NA	No
Annual water yield	Pessacq, N., Flaherty, S., Brandizi, L., Solman, S., & Pascual, M. (2015). Getting water right: A case study in water yield modelling based on precipitation data. <i>Science of the Total Environment</i> , 537, 225-234.	2015	3.0.1	PR	<i>Science of the Total Environment</i>	South America	Argentina	Patagonia	Chubut River basin	Temperate	Semiarid	No
Carbon	Vačkář, D., Harmáčková, Z. V., Kaňková, H., & Stupková, K. (2016). Human transformation of ecosystems: Comparing protected and unprotected areas with natural baselines. <i>Ecological Indicators</i> , 66, 321-328.	2016	NA	PR	NA	Europe	Czech Republic	NA	NA	Continental/Cold	NA	No
Sediment retention	Verhagen, W., Van Teeffelen, A. J., Compagnucci, A. B., Poggio, L., Gimona, A., & Verburg, P. H. (2016). Effects of landscape configuration on mapping ecosystem service capacity: a review of evidence and a case study in Scotland. <i>Landscape Ecology</i> , 1-23.	2016	NA	PR	<i>Landscape Ecology</i>	Europe	Scotland	NA	NA	Temperate	NA	No
Pollination	Verhagen, W., Van Teeffelen, A. J., Compagnucci, A. B., Poggio, L., Gimona, A., & Verburg, P. H. (2016). Effects of landscape configuration on mapping ecosystem service capacity: a review of evidence and a case study in Scotland. <i>Landscape Ecology</i> , 1-23.	2016	NA	PR	<i>Landscape Ecology</i>	Europe	Scotland	NA	NA	Temperate	NA	No
Carbon	Sieber, J., & Pons, M. (2015). Assessment of Urban Ecosystem Services using Ecosystem Services Reviews and GIS-based Tools. <i>Procedia Engineering</i> , 115, 53-60.	2015	2.6.0	PR	<i>Procedia Engineering</i>	Asia	Singapore	NA	NA	Tropical	NA	No

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Recreation	Sieber, J., & Pons, M. (2015). Assessment of Urban Ecosystem Services using Ecosystem Services Reviews and GIS-based Tools. <i>Procedia Engineering</i> , 115, 53-60.	2015	2.6.0	PR	<i>Procedia Engineering</i>	Asia	Singapore	NA	NA	Tropical	NA	No
Scenic quality	Sieber, J., & Pons, M. (2015). Assessment of Urban Ecosystem Services using Ecosystem Services Reviews and GIS-based Tools. <i>Procedia Engineering</i> , 115, 53-60.	2015	2.6.0	PR	<i>Procedia Engineering</i>	Asia	Singapore	NA	NA	Tropical	NA	No
Carbon	Sugandh, S., & Joshi, P. K. Evaluation of ecosystem services of Keoladeo National Park (Rajasthan, India) using geospatial tools. <i>Land-use Related Biodiversity in India</i> , 18.	2014	2.6.0	PR	<i>Land-use Related Biodiversity in India: Seminar Proceedings 2014</i>	Asia	India	Rajasthan	Keoladeo National Park	Temperate	humid subtropical	No
Habitat quality	Sugandh, S., & Joshi, P. K. Evaluation of ecosystem services of Keoladeo National Park (Rajasthan, India) using geospatial tools. <i>Land-use Related Biodiversity in India</i> , 18.	2014	2.6.0	PR	<i>Land-use Related Biodiversity in India: Seminar Proceedings 2014</i>	Asia	India	Rajasthan	Keoladeo National Park	Temperate	humid subtropical	No
Recreation	Sugandh, S., & Joshi, P. K. Evaluation of ecosystem services of Keoladeo National Park (Rajasthan, India) using geospatial tools. <i>Land-use Related Biodiversity in India</i> , 18.	2014	2.6.0	PR	<i>Land-use Related Biodiversity in India: Seminar Proceedings 2014</i>	Asia	India	Rajasthan	Keoladeo National Park	Temperate	humid subtropical	No
Wind energy	Griffin, R., Buck, B., & Krause, G. (2015). Private incentives for the emergence of co-production of offshore wind energy and mussel aquaculture. <i>Aquaculture</i> , 436, 80-89.	2015	NA	PR	<i>Aquaculture</i>	Europe	Germany	German North Sea	17 miles off the coast of Bremerhaven	Temperate	NA	Yes
Habitat quality	Duarte, G. T., Ribeiro, M. C., & Paglia, A. P. (2016). Ecosystem Services Modeling as a Tool for Defining Priority Areas for Conservation. <i>PLOS one</i> , 11(5), e0154573.	2016	3.0.1, 2.0.0	PR	<i>PLOS one</i>	South America	Brazil	Minas Gerais	the Iron Quadrangle	Tropical	NA	No
Carbon	Duarte, G. T., Ribeiro, M. C., & Paglia, A. P. (2016). Ecosystem Services Modeling as a Tool for Defining Priority Areas for Conservation. <i>PLOS one</i> , 11(5), e0154573.	2016	3.0.1, 2.0.0	PR	<i>PLOS one</i>	South America	Brazil	Minas Gerais	the Iron Quadrangle	Tropical	NA	No
Sediment retention	Duarte, G. T., Ribeiro, M. C., & Paglia, A. P. (2016). Ecosystem Services Modeling as a Tool for Defining Priority Areas for Conservation. <i>PLOS one</i> , 11(5), e0154573.	2016	3.0.1, 2.0.0	PR	<i>PLOS one</i>	South America	Brazil	Minas Gerais	the Iron Quadrangle	Tropical	NA	No
Carbon	Goldstein, J. H., Caldaron, G., Duarte, T. K., Ennaanay, D., Hannahs, N., Mendoza, G., ... & Daily, G. C. (2012). Integrating ecosystem-service tradeoffs into land-use decisions. <i>Proceedings of the National Academy of Sciences</i> , 109(19), 7565-7570.	2012		1.004 PR	<i>Proceedings of the National Academy of Sciences of the United States of America</i>	North America	USA	Hawaii	North shore of O'ahu	Dry	NA	Yes
Nutrient retention	Goldstein, J. H., Caldaron, G., Duarte, T. K., Ennaanay, D., Hannahs, N., Mendoza, G., ... & Daily, G. C. (2012). Integrating ecosystem-service tradeoffs into land-use decisions. <i>Proceedings of the National Academy of Sciences</i> , 109(19), 7565-7570.	2012		1.004 PR	<i>Proceedings of the National Academy of Sciences of the United States of America</i>	North America	USA	Hawaii	North shore of O'ahu	Dry	NA	Yes
Annual water yield	Redhead, J. W., Stratford, C., Sharps, K., Jones, L., Ziv, G., Clarke, D., ... & Bullock, J. M. (2016). Empirical validation of the InVEST water yield ecosystem service model at a national scale. <i>Science of the Total Environment</i> .	2016	3.2.0	PR	<i>Science of the Total Environment</i>	Europe	Great Britain	NA	NA	Temperate	NA	Yes
Nutrient retention	Polasky, S., Johnson, K., Keeler, B., Kovacs, K., Nelson, E., Pennington, D., ... & Withey, J. (2012). Are investments to promote biodiversity conservation and ecosystem services aligned?. <i>Oxford Review of Economic Policy</i> , 28(1), 139-163.	2012		1.004 PR	<i>Oxford Review of Economic Policy</i>	North America	USA	Minnesota	NA	Continental	NA	Yes
Carbon	Pareta, K., & Pareta, U. (2011). Forest carbon management using satellite remote sensing techniques: a case study of Sagar district (MP). <i>International Scientific Research Journal</i> , 3(4), 335-348.	2011		1.005 PR	<i>E-International Scientific Research Journal</i>	Asia	India	Sagar district	NA	Temperate/Continental	NA	No

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Annual water yield	Trisurat, Y., Eawpanich, P., & Kalliola, R. (2016). Integrating land use and climate change scenarios and models into assessment of forested watershed services in Southern Thailand. <i>Environmental research</i> , 147, 611-620.	2016	2.1	PR	<i>Environmental Research</i>	Asia	Thailand	Nakhon Srithammarat Province	Thadee watershed	Tropical	Monsoon climate	No
Annual water yield	Terrado, M., Momb Blanch, A., Bardina, M., Boithias, L., Munné, A., Sabater, S., ... & Acuña, V. (2016). Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> .	2016	2.4.4	PR	<i>Journal of Applied Ecology</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	No
Nutrient retention	Terrado, M., Momb Blanch, A., Bardina, M., Boithias, L., Munné, A., Sabater, S., ... & Acuña, V. (2016). Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> .	2016	2.4.4	PR	<i>Journal of Applied Ecology</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	No
Habitat quality	Terrado, M., Momb Blanch, A., Bardina, M., Boithias, L., Munné, A., Sabater, S., ... & Acuña, V. (2016). Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> .	2016	2.4.4	PR	<i>Journal of Applied Ecology</i>	Europe	Spain	Catalonia	Llobregat River basin	Dry	Semiarid	No
Nutrient retention	Mandle, L., Tallis, H., Sotomayor, L., & Vogl, A. L. (2015). Who loses? Tracking ecosystem service redistribution from road development and mitigation in the Peruvian Amazon. <i>Frontiers in Ecology and the Environment</i> , 13(6), 309-315.	2015	2.4.4	PR	<i>Frontiers in Ecology and the Environment</i>	South America	Peru	NA	Road between Pucallpa and Cruziero do Sul	Tropical	NA	Yes
Carbon	Mandle, L., Tallis, H., Sotomayor, L., & Vogl, A. L. (2015). Who loses? Tracking ecosystem service redistribution from road development and mitigation in the Peruvian Amazon. <i>Frontiers in Ecology and the Environment</i> , 13(6), 309-315.	2015	2.4.4	PR	<i>Frontiers in Ecology and the Environment</i>	South America	Peru	NA	Road between Pucallpa and Cruziero do Sul	Tropical	NA	Yes
Sediment retention	Mandle, L., Tallis, H., Sotomayor, L., & Vogl, A. L. (2015). Who loses? Tracking ecosystem service redistribution from road development and mitigation in the Peruvian Amazon. <i>Frontiers in Ecology and the Environment</i> , 13(6), 309-315.	2015	2.4.4	PR	<i>Frontiers in Ecology and the Environment</i>	South America	Peru	NA	Road between Pucallpa and Cruziero do Sul	Tropical	NA	Yes
Coastal vulnerability	Arkema, K. K., Guannel, G., Verutes, G., Wood, S. A., Guerry, A., Ruckelshaus, M., ... & Silver, J. M. (2013). Coastal habitats shield people and property from sea-level rise and storms. <i>Nature Climate Change</i> , 3(10), 913-918.	2013	2.3.0	PR	<i>Nature Climate Change</i>	North America	USA	NA	NA - all US coastline	NA	NA	Yes
Habitat risk assessment	Arkema, K. K., Verutes, G. M., Wood, S. A., Clarke-Samuels, C., Rosado, S., Canto, M., ... & Faries, J. (2015). Embedding ecosystem services in coastal planning leads to better outcomes for people and nature. <i>Proceedings of the National Academy of Sciences</i> , 112(24), 7390-7395.	2015	NA	PR	<i>Environmental Research Letters</i>	North America	Belize	NA	NA	Tropical	NA	Yes
Coastal vulnerability	Langridge, S. M., Hartge, E. H., Clark, R., Arkema, K., Verutes, G. M., Prahrer, E. E., ... & Ruckelshaus, M. (2014). Key lessons for incorporating natural infrastructure into regional climate adaptation planning. <i>Ocean & Coastal Management</i> , 95, 189-197.	2014	2.5.6	PR	<i>Ocean and Coastal Management</i>	North America	USA	California	Monterey Bay, Santa Cruz	Temperate	NA	Yes
Habitat risk assessment	Arkema, K. K., Verutes, G., Bernhardt, J. R., Clarke, C., Rosado, S., Canto, M., Wood, S. A., Ruckelshaus, M., Rosenthal, A., McField, M., & de Zegher, J. (2014). Assessing habitat risk from human activities to inform coastal and marine spatial planning: a demonstration in Belize. <i>Environmental Research Letters</i> , 9(11), 114016.	2014	NA	PR	<i>Environmental Research Letters</i>	North America	Belize	NA	coastal zone of Belize	Tropical	NA	Yes
Nearshore waves and erosion	Guannel, G., Ruggiero, P., Faries, J., Arkema, K., Pinsky, M., Gelfenbaum, G., Guerry, A. & Kim, C. K. (2015). Integrated modeling framework to quantify the coastal protection services supplied by vegetation. <i>Journal of Geophysical Research: Oceans</i> , 120(1), 324-345.	2015	3.0.0	PR	<i>Journal of Geophysical Research: Oceans</i>	NA	NA	NA	NA	NA	NA	Yes

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Scenic quality	Bagstad, K.J., Semmens, Darius, Winthrop, Rob, Jaworski, Delilah, and Larson, Joel, 2012, Ecosystem services valuation to support decisionmaking on public lands—A case study of the San Pedro River watershed, Arizona: U.S. Geological Survey Scientific Investigations Report 2012–5251, 93 p. http://pubs.usgs.gov/sir/2012/5251/	2012	NA	GL	USGS (United States Geological Survey)	North America	USA	Arizona	San Pedro River	Dry	Semiarid	No
Annual water Yield	Bagstad, K.J., Semmens, Darius, Winthrop, Rob, Jaworski, Delilah, and Larson, Joel, 2012, Ecosystem services valuation to support decisionmaking on public lands—A case study of the San Pedro River watershed, Arizona: U.S. Geological Survey Scientific Investigations Report 2012–5251, 93 p. http://pubs.usgs.gov/sir/2012/5251/	2012	NA	GL	USGS (United States Geological Survey)	North America	USA	Arizona	San Pedro River	Dry	Semiarid	No
Carbon	Bagstad, K.J., Semmens, Darius, Winthrop, Rob, Jaworski, Delilah, and Larson, Joel, 2012, Ecosystem services valuation to support decisionmaking on public lands—A case study of the San Pedro River watershed, Arizona: U.S. Geological Survey Scientific Investigations Report 2012–5251, 93 p. http://pubs.usgs.gov/sir/2012/5251/	2012	NA	GL	USGS (United States Geological Survey)	North America	USA	Arizona	San Pedro River	Dry	Semiarid	No
Habitat Quality	Bagstad, K.J., Semmens, Darius, Winthrop, Rob, Jaworski, Delilah, and Larson, Joel, 2012, Ecosystem services valuation to support decisionmaking on public lands—A case study of the San Pedro River watershed, Arizona: U.S. Geological Survey Scientific Investigations Report 2012–5251, 93 p. http://pubs.usgs.gov/sir/2012/5251/	2012	NA	GL	USGS (United States Geological Survey)	North America	USA	Arizona	San Pedro River	Dry	Semiarid	No
Sediment retention	Ren, Jing, Yukuan Wang, Bin Fu, Pei Xu (2011). Soil conservation assessment in the Upper Yangtze River Basin based on invest model. 2011 International Symposium on Water Resource and Environmental Protection (ISWREP) Vol 3. 20-22 May 2011, Xi'an, Shaanxi Province, China.	2011	NA	GL	International Symposium on Water Resource and Environmental Protection	Asia	China	NA	Upper Yangtze River Basin	NA	NA	No
Annual water yield	Jarvis, Andy, Natalia Uribe, Jefferson Valencia, Anton Eitzinger, Julián Ramírez, Laure Collet (2011). Análisis de vulnerabilidad frente a escenarios de cambio climático en las cuencas hidrográficas de los ríos Tuluá, Guabas, Fraile y Desbaratado en el Departamento del Valle del Cauca. Final Report. Centro Internacional de Agricultura Tropical (CIAT). Cali, Colombia. 59 p.	2011	NA	GL	Centro Internacional de Agricultura Tropical	South America	Colombia	Departments of Cauca and Cauca Valley	Tuluá, Guabas, and Desbaratado Fraile Watersheds and rivers in Vauca Valley	Temperate	NA	No
Annual water yield	Rocha, Humberto (2012). Projeto Aplicabilidade dos modelos de serviços ambientais hidrológicos da ferramenta Invest aos Projetos Produtor de Água e Compensação da Pegada Hídrica. Final Report, AFCS 279/2011. Departamento de Ciências Atmosféricas, Universidade de São Paulo. 30 June 2012.	2012	NA	GL	Departamento de Ciências atmosféricas, Universidade de São Paulo	South America	Brazil	São Paulo	Posses River Basin	Tropical	NA	No
Sediment retention	Rocha, Humberto (2012). Projeto Aplicabilidade dos modelos de serviços ambientais hidrológicos da ferramenta Invest aos Projetos Produtor de Água e Compensação da Pegada Hídrica. Final Report, AFCS 279/2011. Departamento de Ciências Atmosféricas, Universidade de São Paulo. 30 June 2012.	2012	NA	GL	Departamento de Ciências atmosféricas, Universidade de São Paulo	South America	Brazil	São Paulo	Posses River Basin	Tropical	NA	No

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Annual water yield	Saad, Sandra Isay, Humberto Ribeiro da Rocha, João Guimarães, Jonathan Mota da Silva (2011). AVALIAÇÃO DO MODELO Integrated Valuation of Ecosystem Services and Tradeoffs PARA O SISTEMA CANTAREIRA: MÓDULOS DE HIDROLOGIA E DE PERDA DE SEDIMENTOS. Proceedings of the XIX Simpósio Brasileiro de Recursos Hídricos. 27 Nov - 01 Dec 2011, Maceió, AL, Brazil.	2011	2	GL	XIX Simpósio Brasileiro Hídricos	South America	Brazil	São Paulo	Cantareira System	Tropical	NA	No
Sediment retention	Saad, Sandra Isay, Humberto Ribeiro da Rocha, João Guimarães, Jonathan Mota da Silva (2011). AVALIAÇÃO DO MODELO Integrated Valuation of Ecosystem Services and Tradeoffs PARA O SISTEMA CANTAREIRA: MÓDULOS DE HIDROLOGIA E DE PERDA DE SEDIMENTOS. Proceedings of the XIX Simpósio Brasileiro de Recursos Hídricos. 27 Nov - 01 Dec 2011, Maceió, AL, Brazil.	2011	2	GL	XIX Simpósio Brasileiro Hídricos	South America	Brazil	São Paulo	Cantareira System	Tropical	NA	No
Annual water yield	Trisurat, Yongyut and Risto Kalliola (2013). Ecohydrological consequences in transformative landscape and climate change at Thadee watershed, Nakhon Srithammarat Province. pp 38-41 in Proceedings of the International Workshop on Ecological Knowledge for Adaptation on Climate Change. 2nd - 3rd December 2013, Sri Nakhon khuen khan Park, Samut Prakarn Province, Thailand. ISBN: 978-616-278-135-3	2013	2.1	GL	Aksornsiam Limited Com	Asia	Thailand	Nakhon Srithammarat Province	Thadee Watershed	Tropical	NA	No
Wave Energy	Kaplan, I.C., Holland, D.S., Taylor, I.G., Fresh, K.L., Levin, P.S., Gray, I.A., Leonard, J., Marshall, K., Feist, B.E., Plummer, M.L., Thomson, C., Hendrix, N., Fulton, E.A., Brown, C.J., Field, J.C., Smith, A.D. (2013). Management Testing and Scenarios in the California Current. California Current Integrated Ecosystem Assessment: Phase II Report. 730-78.	2013	2.2.2	GL	CCIEA (California Current Integrated Ecosystem Assessment)	North America	USA	Off Coast of Oregon	NA	Temperate	Mediterranean	No
Nutrient retention	Vansarochana, Anujit (2014). Mapping Water Purification Scenarios of Dawei-Kanchanaburi Superhighway Area with InVEST Toolset. Department of Natural Resources and Environment, Naresuan University, 7p.	2014	2.6.0	GL	Department of Natural Reso	Asia	Thailand/ Myanmar	Dawei-Kanchanaburi	NA	Tropical	Savanna	No
Nutrient retention	Vansarochana, Anujit (2014). Mapping Water Purification Scenarios of Dawei-Kanchanaburi Superhighway Area with InVEST Toolset. Department of Natural Resources and Environment, Naresuan University, 7p.	2014	2.6.0	GL	Department of Natural Re	Asia	Thailand/ Myanmar	Dawei-Kanchanaburi	NA	Tropical	Savanna	No
Annual water yield	Boithias, L., Acuña, V., Marcé, R., Sabater, S. (2012). Is water scarcity scale-dependent: anylisis of spatial dependencies of the demand to supply ratio of water provisioning in a Mediterranean river basin. University of Girona, 4p.	2012	2.2.0	GL	University of Girona	Europe	Spain	NA	Ebro River Basin	Dry	Semiarid	No
Coastal vulnerability	McKinnon, M., Neugarten, R., Rajaobelina, L., Andriamaro, L., Rasolohery, A., Acero, N., Andrianarisata, M., Bonham, C., Andres Cano, C., Evans, B., Gibb, M., Hole, D., Koenig, K., Larsen, T., Noviello, T., Rabearisoa, A., Rajaofara, H., Rakotobe, Z., Randrianarisoa, J., Randrianasolo, H., Saenz, L., Semroc, B., Steininger, M., Turner, W., Wishart, G., Wright, T.M., Yang, W. (2015). Monitoring Natural Capital and Human Well-being in Madagascar: A National Demonstration of Indicators for Sustainable Development. Moore Center for Science and Oceans and Madagascar Country Program, Conservation International, 124p.	2015	3.0.0, 3.0.1, or 3.1.1	GL	Moore Center for Science and Oceans and Madagascar Country Program, Conservation International	Africa	Madagascar	NA	NA	Tropical/ Dry/ Temperate	NA	No

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Carbon	Doyle, M., Malouin, C., Liss, K. (2013). Toward an Ecosystem Potential Index for Canada (EPIC): A Boreal Case Study. Environment Canada and Natural Resources Canada, 153p.	2013	2.4.4, 2.5.3	GL	Environment Canada and Natural Resources Canada	North America	Canada	NA	Canada's boreal forest region	Continental	Boreal	No	
Annual water yield	Kumar Goyal, M., Khan, M. (2016). Assessment of Spatially Explicit Annual Water-Balance Model for Sutlej River Basin in Eastern Himalayas and Tungbhadra River Basin in Peninsula India. Department of Civil Engineering, Indian Institute of Technology, 17p.	2016	3.1.0	GL	Department of Civil Engineering, Indian Institute of Technology	Asia	India		Himalayas and in Tungbhadra River Basin	Dry	Desert/ Semiarid	No	
Carbon	José Pacha, María (2015). Ecosystem Services Valuation as a Decision-Making Tool: Conceptual Bases and Lessons Learned in the Amazon Region. WWF Living Amazon Initiative, 92p.	2015	NA	GL	WWF Living Amazon Initiative	South America	Peru/ Brazil/ (Colombia/ Ecuador/ Peru)		Department of Madre de Dios/ State of Acre/ (La Paya/ Cuyabeno/ Gueppi)	NA	Tropical/ Tropical/ (Tropical/ Dry)	Savanna/ Monsoon/ (Rainforest/ Semiarid)	No
Habitat Quality	José Pacha, María (2015). Ecosystem Services Valuation as a Decision-Making Tool: Conceptual Bases and Lessons Learned in the Amazon Region. WWF Living Amazon Initiative, 92p.	2015	NA	GL	WWF Living Amazon Initiative	South America	Peru/ Brazil/ (Colombia/ Ecuador/ Peru)		Department of Madre de Dios/ State of Acre/ (La Paya/ Cuyabeno/ Gueppi)	NA	Tropical/ Tropical/ (Tropical/ Dry)	Savanna/ Monsoon/ (Rainforest/ Semiarid)	No
Annual water yield	José Pacha, María (2015). Ecosystem Services Valuation as a Decision-Making Tool: Conceptual Bases and Lessons Learned in the Amazon Region. WWF Living Amazon Initiative, 92p.	2015	NA	GL	WWF Living Amazon Initiative	South America	Peru/ Brazil		Department of Madre de Dios/ State of Acre	NA	Tropical/ Tropical	Savanna/ Monsoon	No
Sediment retention	José Pacha, María (2015). Ecosystem Services Valuation as a Decision-Making Tool: Conceptual Bases and Lessons Learned in the Amazon Region. WWF Living Amazon Initiative, 92p.	2015	NA	GL	WWF Living Amazon Initiative	South America	Peru/ Brazil		Department of Madre de Dios/ State of Acre	NA	Tropical/ Tropical	Savanna/ Monsoon	No
Nutrient retention	José Pacha, María (2015). Ecosystem Services Valuation as a Decision-Making Tool: Conceptual Bases and Lessons Learned in the Amazon Region. WWF Living Amazon Initiative, 92p.	2015	NA	GL	WWF Living Amazon Initiative	South America	Brazil		State of Acre	NA	Tropical	Monsoon	No
Carbon	Lee et al. (2015). Development of Decision Supporting Framework to Enhance Natural Capital Sustainability: Focusing on Ecosystem Service Analysis. Korea Environment Institute (KEI), 177p.	2015	3.2.0	GL	Korea Environment Institute (KEI)	Asia	South Korea		Jeju Island	NA	Temperate	Humid Subtropical	Yes
Habitat Quality	Lee et al. (2015). Development of Decision Supporting Framework to Enhance Natural Capital Sustainability: Focusing on Ecosystem Service Analysis. Korea Environment Institute (KEI), 177p.	2015	3.2.0	GL	Korea Environment Institute (KEI)	Asia	South Korea		Jeju Island	NA	Temperate	Humid Subtropical	Yes
Recreation	Lee et al. (2015). Development of Decision Supporting Framework to Enhance Natural Capital Sustainability: Focusing on Ecosystem Service Analysis. Korea Environment Institute (KEI), 177p.	2015	3.2.0	GL	Korea Environment Institute (KEI)	Asia	South Korea		Jeju Island	NA	Temperate	Humid Subtropical	Yes
Sediment retention	Pardo, S. and A. Kota. 2016. Sediment Export in the Upper Catawba River Basin: Research and Analysis Toward an Effective and Impactful Conservation Strategy. The Foothills Conservancy of North Carolina. Morganton, North Carolina.	2016		3 GL	The Foothills Conservancy of North Carolina	North America	USA		North Carolina	Upper Catawba River Basin	Temperate	Subtropical	No
Coastal protection	Kroeger, Timm (2012). Dollars and Sense: Economic Benefits and Impacts from two Oyster Reef Restoration Projects in the Northern Gulf of Mexico. The Nature Conservancy, 110p.	2012	2.2.0	GL	The Nature Conservancy	North America	USA		Alabama	Mobile Bay	Temperate	Subtropical	No
Nutrient retention	Kovacs, K., Popp, M., Xu, Y., West, G. (2016). Tradeoffs Among Multiple Ecosystem Services and Economic Returns from Groundwater Depletion on a Farm Landscape. University of Arkansas, 45p.	2016		2.1 GL	University of Arkansas	North America	USA		Arkansas	Mississippi Delta	Temperate	Humid Subtropical	Yes

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Annual water yield	Anderson, Michael L (2013). Baseline Ecosystem Service Assessment of the Congo Basin to Inform a Green Economy. WWF Conservation Science Program, 19p.	2013	2.5.3	GL	WWF Conservation Science Program	Africa	Angola, Burundi, Central African Republic, Cameroon, Democratic Republic of the Congo, Congo, Gabon, Rwanda, Tanzania, Uganda, and Zambia	Congo Basin	NA	Tropical	Rainforest	No
Sediment retention	Anderson, Michael L (2013). Baseline Ecosystem Service Assessment of the Congo Basin to Inform a Green Economy. WWF Conservation Science Program, 19p.	2013	2.5.3	GL	WWF Conservation Science Program	Africa	Angola, Burundi, Central African Republic, Cameroon, Democratic Republic of the Congo, Congo, Gabon, Rwanda, Tanzania, Uganda, and Zambia	Congo Basin	NA	Tropical	Rainforest	No
Nutrient retention	Anderson, Michael L (2013). Baseline Ecosystem Service Assessment of the Congo Basin to Inform a Green Economy. WWF Conservation Science Program, 19p.	2013	2.5.3	GL	WWF Conservation Science Program	Africa	Angola, Burundi, Central African Republic, Cameroon, Democratic Republic of the Congo, Congo, Gabon, Rwanda, Tanzania, Uganda, and Zambia	Congo Basin	NA	Tropical	Rainforest	No
	Bassi, Andrea, Lombardi, Niccolò, Gallagher, Louise Ann (2014). Green Economy Modelling of Ecosystem Services in The Dawna Tenasserim Landscape (DTL) along the 'Road to Dawei'. WWF, 44p.	2014		GL	WWF-Greater Mekong	Asia						No
Carbon	Verma, M., Negandhi, D., Khanna, C., Edgaonkar, A., David, A., Kadekodi, G., Costanza, R., Singh, R. (January 2015). Economic Valuation of Tiger Reserves in India: A Value+ Approach. Indian Institute of Forest Management. Bhopal, India. 284p.	2015		3 GL	Indian Institute of Forest Management	Asia	India	Mandala and Baloghath/ Kerala	Kanha Tiger Reserve/ Periyar Tiger Reserve	Temperate/ Tropical	Subtropical/ Monsoon	No
Annual water yield	Verma, M., Negandhi, D., Khanna, C., Edgaonkar, A., David, A., Kadekodi, G., Costanza, R., Singh, R. (January 2015). Economic Valuation of Tiger Reserves in India: A Value+ Approach. Indian Institute of Forest Management. Bhopal, India. 284p.	2015		3 GL	Indian Institute of Forest Management	Asia	India	Mandala and Baloghath/ Kerala	Kanha Tiger Reserve/ Periyar Tiger Reserve	Temperate/ Tropical	Subtropical/ Monsoon	No
Sediment retention	Verma, M., Negandhi, D., Khanna, C., Edgaonkar, A., David, A., Kadekodi, G., Costanza, R., Singh, R. (January 2015). Economic Valuation of Tiger Reserves in India: A Value+ Approach. Indian Institute of Forest Management. Bhopal, India. 284p.	2015		3 GL	Indian Institute of Forest Management	Asia	India	Mandala and Baloghath/ Kerala	Kanha Tiger Reserve/ Periyar Tiger Reserve	Temperate/ Tropical	Subtropical/ Monsoon	No
Annual water yield	Dean, A., Rosenthal, A., Bhagabati, N., Lyon, K., McKenzie, E., Prihatna, D., van Paddenburg, A. 2012. Building a Green Economy in Borneo: Assessing Outcomes for Ecosystem Services under Different Business and Policy Decisions. WWF Heart of Borneo Global Initiative, 3p.	2012	2.2.2	GL	WWF Heart of Borneo Global Initiative	Asia	Borneo (Malaysia, Brunei, Indonesia)	NA	NA	Tropical	Rainforest	Yes

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Wave energy	Plummer, Mark, Feist, Blake (2012). Appendix MS1. Assessing Potential Conflicts with Wave Energy Generation Along the Oregon Coast. NOAA Fisheries, Northwest Fisheries Science Center, 29p.	2012	2.4.1	GL	NOAA Fisheries, Northwest Fisheries Science Center	North America	USA	Oregon	NA	Temperate	Mediterranean	No
Carbon	Dalzell, Brent, Pennington, Derric, Polasky,, Stephen, Mulla, David, Taff, Steve, Nelson, Erik (July 2012). Lake Pepin Watershed Full Cost Accounting Project. University of Minnesota, 177p.	2012	1.0004	GL	University of Minnesota	North America	USA	Minnesota	Lake Pepin Watershed	Continental	Hot/Warm	Yes
Habitat quality	Dalzell, Brent, Pennington, Derric, Polasky,, Stephen, Mulla, David, Taff, Steve, Nelson, Erik (July 2012). Lake Pepin Watershed Full Cost Accounting Project. University of Minnesota, 177p.	2012	1.0004	GL	University of Minnesota	North America	USA	Minnesota	Lake Pepin Watershed	Continental	Hot/Warm	Yes
Nutrient retention	Dalzell, Brent, Pennington, Derric, Polasky,, Stephen, Mulla, David, Taff, Steve, Nelson, Erik (July 2012). Lake Pepin Watershed Full Cost Accounting Project. University of Minnesota, 177p.	2012	1.0004	GL	University of Minnesota	North America	USA	Minnesota	Lake Pepin Watershed	Continental	Hot/Warm	Yes
Sediment retention	Dalzell, Brent, Pennington, Derric, Polasky,, Stephen, Mulla, David, Taff, Steve, Nelson, Erik (July 2012). Lake Pepin Watershed Full Cost Accounting Project. University of Minnesota, 177p.	2012	1.0004	GL	University of Minnesota	North America	USA	Minnesota	Lake Pepin Watershed	Continental	Hot/Warm	Yes
Crop production	Dalzell, Brent, Pennington, Derric, Polasky,, Stephen, Mulla, David, Taff, Steve, Nelson, Erik (July 2012). Lake Pepin Watershed Full Cost Accounting Project. University of Minnesota, 177p.	2012	1.0004	GL	University of Minnesota	North America	USA	Minnesota	Lake Pepin Watershed	Continental	Hot/Warm	Yes
Carbon	Cooley, David (2009). Ecosystem services in a conservation planning framework. Master's Thesis. Nicholas School of the Environment and Earth Sciences. Duke University. 92p. http://hdl.handle.net/10161/992	2009		1 DT	Duke University	North America	USA	North Carolina	Johnston County	Temperate	Humid subtropical	No
Habitat quality	Cooley, David (2009). Ecosystem services in a conservation planning framework. Master's Thesis. Nicholas School of the Environment and Earth Sciences. Duke University. 92p. http://hdl.handle.net/10161/992	2009		1 DT	Duke University	North America	USA	North Carolina	Johnston County	Temperate	Humid subtropical	No
Nutrient model	Cooley, David (2009). Ecosystem services in a conservation planning framework. Master's Thesis. Nicholas School of the Environment and Earth Sciences. Duke University. 92p. http://hdl.handle.net/10161/992	2009		1 DT	Duke University	North America	USA	North Carolina	Johnston County	Temperate	Humid subtropical	No
Pollination	Cooley, David (2009). Ecosystem services in a conservation planning framework. Master's Thesis. Nicholas School of the Environment and Earth Sciences. Duke University. 92p. http://hdl.handle.net/10161/992	2009		1 DT	Duke University	North America	USA	North Carolina	Johnston County	Temperate	Humid subtropical	No
Annual water yield	Garcia, Júnior Ruiz (2012). Valoração, cobrança pelo uso da água e a gestão das bacias hidrográficas do Alto Iguaçu e afluentes do Alto Ribeira : uma abordagem econômico-ecológica. Ph.D. Dissertation, Instituto de Economia, Universidade Estadual de Campinas. Campinas, SP, Brazil. 294p.	2012		2.1 DT	Instituto de Economia, Un	South America	Brazil	Paraná	Metropolitan Curi	Temperate	Oceanic	No
Carbon	Garcia, Júnior Ruiz (2012). Valoração, cobrança pelo uso da água e a gestão das bacias hidrográficas do Alto Iguaçu e afluentes do Alto Ribeira : uma abordagem econômico-ecológica. Ph.D. Dissertation, Instituto de Economia, Universidade Estadual de Campinas. Campinas, SP, Brazil. 294p.	2012		2.1 DT	Instituto de Economia, Uni	South America	Brazil	Paraná	Metropolitan Curi	Temperate	Oceanic	No

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Habitat quality	Garcia, Júnior Ruiz (2012). Valoração, cobrança pelo uso da água e a gestão das bacias hidrográficas do Alto Iguaçu e afluentes do Alto Ribeira : uma abordagem econômico-ecológica. Ph.D. Dissertation, Instituto de Economia, Universidade Estadual de Campinas. Campinas, SP, Brazil. 294p.	2012	2.1	DT	Instituto de Economia, Uni	South America	Brazil	Paraná	Metropolitan Curi	Temperate	Oceanic	No
Pollination	Garcia, Júnior Ruiz (2012). Valoração, cobrança pelo uso da água e a gestão das bacias hidrográficas do Alto Iguaçu e afluentes do Alto Ribeira : uma abordagem econômico-ecológica. Ph.D. Dissertation, Instituto de Economia, Universidade Estadual de Campinas. Campinas, SP, Brazil. 294p.	2012	2.1	DT	Instituto de Economia, Uni	South America	Brazil	Paraná	Metropolitan Curi	Temperate	Oceanic	No
Sediment retention	Garcia, Júnior Ruiz (2012). Valoração, cobrança pelo uso da água e a gestão das bacias hidrográficas do Alto Iguaçu e afluentes do Alto Ribeira : uma abordagem econômico-ecológica. Ph.D. Dissertation, Instituto de Economia, Universidade Estadual de Campinas. Campinas, SP, Brazil. 294p.	2012	2.1	DT	Instituto de Economia, Uni	South America	Brazil	Paraná	Metropolitan Curi	Temperate	Oceanic	No
Carbon	Powers Tomasso, Linda, Leighton, Mark (2014). The impact of land use change for greenhouse gas inventories and state-level climate mediation policy: A GIS methodology applied to Connecticut . Master's Thesis. Harvard University. 169p.	2014	2.5.3	DT	Harvard University	North America	USA	Connecticut	NA	Temperate and C	NA	No
Pollination	Chapin, Shannon J. (2014). The Application of Spatial Modeling Tools To Predict Native Bee Abundance in Maine's Lowbush Blueberries. Master's Thesis. Graduate School, University of Maine. 55p.	2014	NA	DT	University of Maine	North America	USA	Maine	Downeast	Continental	NA	No
Carbon	Castelo Rosa, Denise Maria (2014). Identificação dos serviços dos ecossistemas e quantificação do armazenamento e sequestro do carbono na Arrábida utilizando SIG. Master's Thesis. Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa. Lisboa, Portugal. 81p.	2014	2.5.6	DT	Universidade Nova de Lisboa	Europe	Portugal	Setubal	Arrábida	Temperate	Mediterranean	No
Annual water yield	Fougerat, Matthew Gerald (2014). Integrating Systematic Conservation Planning and Ecosystem Services: An Indicators Approach in the Hill Country of Central Texas. Master's Thesis. Graduate School, University of Texas at Austin. 143p.	2014	2.5.6	DT	University of Texas at Austin	North America	USA	Texas	Hill Country; specifically Blanco, Burnet, Hays, Llano, San Saba, and Travis Counties	Temperate	Humid subtropical	No
Carbon	Fougerat, Matthew Gerald (2014). Integrating Systematic Conservation Planning and Ecosystem Services: An Indicators Approach in the Hill Country of Central Texas. Master's Thesis. Graduate School, University of Texas at Austin. 143p.	2014	2.5.6	DT	University of Texas at Austin	North America	USA	Texas	Hill Country; specifically Blanco, Burnet, Hays, Llano, San Saba, and Travis Counties	Temperate	Humid subtropical	No
Sediment retention	Fougerat, Matthew Gerald (2014). Integrating Systematic Conservation Planning and Ecosystem Services: An Indicators Approach in the Hill Country of Central Texas. Master's Thesis. Graduate School, University of Texas at Austin. 143p.	2014	2.5.6	DT	University of Texas at Austin	North America	USA	Texas	Hill Country; specifically Blanco, Burnet, Hays, Llano, San Saba, and Travis Counties	Temperate	Humid subtropical	No
Annual water yield	Hoyer, Robert Wesley (2013). Scenario Development and Analysis of Freshwater Ecosystem Services under Land Cover and Climate Change in the Tualatin and Yamhill River basins, Oregon. Master's Thesis. Portland State University. 169p.	2013	2.5.3	DT	Portland State University	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	Mediterranean	No
Sediment retention	Hoyer, Robert Wesley (2013). Scenario Development and Analysis of Freshwater Ecosystem Services under Land Cover and Climate Change in the Tualatin and Yamhill River basins, Oregon. Master's Thesis. Portland State University. 169p.	2013	2.5.3	DT	Portland State University	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	Mediterranean	No

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Nutrient retention	Hoyer, Robert Wesley (2013). Scenario Development and Analysis of Freshwater Ecosystem Services under Land Cover and Climate Change in the Tualatin and Yamhill River basins, Oregon. Master's Thesis. Portland State University. 169p.	2013	2.5.3	DT	Portland State University	North America	USA	Oregon	Tualatin and Yamhill River Basins	Temperate	Mediterranean	No
Annual water yield	Larson, Daniel (2014). Quantifying and Mapping Changes in Hydrologic Ecosystem Services From a Large Magnitude Wildfire in Shasta and Tehama Counties, California. Mater's Thesis. California State University, Chico. 93p.	2014	2.5.6	DT	California State University, Chico	North America	USA	California	Shasta and Tehama Counties (Battle Creek Watershed)	Temperate	Mediterranean	No
Annual water yield	Saad, Sandra Isay (2015). Modelagem e valoração dos serviços ambientais hidrológicos na recuperação da vegetação no Ribeirão das Poses, Extrema, MG. Doctorate Thesis. Instituto de Energia e Ambiente Programa de Pós-Graduação em Ciência Ambiental, Universidade de São Paulo. 169p.	2015	2.4.4/3.1.0	DT	Universidade de São Paulo	South America	Brazil	Minas Gerais	Poses River Basin	Tropical	NA	No
Sediment Retention	Saad, Sandra Isay (2015). Modelagem e valoração dos serviços ambientais hidrológicos na recuperação da vegetação no Ribeirão das Poses, Extrema, MG. Doctorate Thesis. Instituto de Energia e Ambiente Programa de Pós-Graduação em Ciência Ambiental, Universidade de São Paulo. 169p.	2015	2.4.4/3.1.0	DT	Universidade de São Paulo	South America	Brazil	Minas Gerais	Poses River Basin	Tropical	NA	No
Carbon	Schmidt, Amelia (2012). Investing in natural capital: Estimating the value of open space nature preserves in Wake County, North Carolina. Master of Natural Resources Professional Papers. College of Natural Resources, North Carolina State University. 121p. http://www.lib.ncsu.edu/resolver/1840.4/8125	2012		2 DT	North Carolina State University	North America	USA	North Carolina	Wake County	Temperate	Humid subtropical	No
Wind energy	Armhein, A., Gregg, D., Hoang, T., Madhusudanan, R., O'Hara, C. (2014). Offshore Wind Energy in the Context of Multiple Ocean Uses on the Bermuda Platform. Master's Final Report. Bren School of Environmental Science and Management, University of California, Santa Barbara. 75p.	2014	NA	DT	Bren School of Environmental Science and Management, University of California, Santa Barbara	North America	Bermuda	NA	NA	Temperate	Subtropical	No
Timber	Von Essen, Marius (2015). Cork before Cattle: Quantifying Ecosystem Services in the Portuguese Montado and Questioning Ecosystem Service Mapping. Master's Thesis. Lund University Centre for Sustainability Studies. 74p.	2015	3.0.1	DT	Lund University Centre for Sustainability Services	Europe	Portugal	Montado	NA	Temperate	Mediterranean	No
Carbon	Von Essen, Marius (2015). Cork before Cattle: Quantifying Ecosystem Services in the Portuguese Montado and Questioning Ecosystem Service Mapping. Master's Thesis. Lund University Centre for Sustainability Studies. 74p.	2015	3.0.1	DT	Lund University Centre for Sustainability Services	Europe	Portugal	Montado	NA	Temperate	Mediterranean	No
Recreation	Von Essen, Marius (2015). Cork before Cattle: Quantifying Ecosystem Services in the Portuguese Montado and Questioning Ecosystem Service Mapping. Master's Thesis. Lund University Centre for Sustainability Studies. 74p.	2015	3.0.1	DT	Lund University Centre for Sustainability Services	Europe	Portugal	Montado	NA	Temperate	Mediterranean	No
Coastal protection	Doughty, Cheryl Lynn (April 2015). Carbon Storage and Coastal Protection: Uncovering the Potential Impacts of Mangrove Range Expansion. Master's Thesis. Department of Biology, Villanova University. 60p.	2015	NA	DT	Villanova University	North America	USA	Florida	Merritt Island National Wildlife Refuge	Temperate	Subtropical	No
Coastal protection	Burgess, Paul, Qin, Siyu, Li, Xiangyi (2015). Mangroves in Ecuador: An Application and Comparison of Ecosystem Services Valuation Models. Duke University. 59p.	2015	NA	GL	Duke University	South America	Ecuador	NA	NA	NA	NA	No

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Coastal blue carbon	Burgess, Paul, Qin, Siyu, Li, Xiangyi (2015). Mangroves in Ecuador: An Application and Comparison of Ecosystem Services Valuation Models. Duke University. 59p.	2015	NA	GL	Duke University	South America	Ecuador	NA	NA	NA	NA	No
Nutrient retention	Berg, C. E., Mineau, M. M., & Rogers, S. H. (2016). Examining the ecosystem service of nutrient removal in a coastal watershed. <i>Ecosystem Services</i> , 20, 104-112. doi: 10.1016/j.ecoser.2016.06.007	2016	3.1.0	PR	<i>Ecosystem Services</i>	North America	USA	New Hampshire, Maine, Massachusetts	Piscataqua Salmon Falls Watershed	Temperate	NA	No
Scenario generator	Berg, C. E., Mineau, M. M., & Rogers, S. H. (2016). Examining the ecosystem service of nutrient removal in a coastal watershed. <i>Ecosystem Services</i> , 20, 104-112. doi: 10.1016/j.ecoser.2016.06.007	2016	3.1.0	PR	<i>Ecosystem Services</i>	North America	USA	New Hampshire, Maine, Massachusetts	Piscataqua Salmon Falls Watershed	Temperate	NA	No
Sediment retention	Esmail, B.A., Geneletti, D. (2016). Design and impact assessment of watershed investments: An approach based on ecosystem services and boundary work. <i>Environmental Impact Assessment Review</i> , 62, 1-13. http://dx.doi.org/10.1016/j.eiar.2016.08.001	2016	3.2.0	PR	<i>Environmental Impact Assessment Review</i>	Africa	Eritrea	Central Region	Toker watershed, providing water for Asmara city	Sub-sarahan	NA	No
Coastal Vulnerability	Berg, Chelsea E., Madeleine M. Mineau, Shannon Examining the ecosystem service of nutrient removal. <i>Ecosystem Services</i> 20(2016)104-112	2016	3.1.0	PR	<i>Ecosystem Services</i>	North America	USA	New Hampshire, Maine, Massachusetts	Great Bay Estuary	Continental	NA	No
Carbon	Butsic V, Shapero M, Moanga D, Larson S. 2017. Using InVEST to assess ecosystem services on conserved properties in Sonoma County, CA. <i>Calif Agr</i> 71(2):81-89. DOI: 10.3733/ca.2017a0008. https://doi.org/10.3733/ca.2017a0008	2017	3.1.1	PR	<i>California Agriculture</i>	North America	USA	California	Sonoma	Temperate	Mediterranean	No
Sediment delivery ratio	Butsic V, Shapero M, Moanga D, Larson S. 2017. Using InVEST to assess ecosystem services on conserved properties in Sonoma County, CA. <i>Calif Agr</i> 71(2):81-89. DOI: 10.3733/ca.2017a0008. https://doi.org/10.3733/ca.2017a0008	2017	3.1.1	PR	<i>California Agriculture</i>	North America	USA	California	Sonoma	Temperate	Mediterranean	No
Annual water yield	Butsic V, Shapero M, Moanga D, Larson S. 2017. Using InVEST to assess ecosystem services on conserved properties in Sonoma County, CA. <i>Calif Agr</i> 71(2):81-89. DOI: 10.3733/ca.2017a0008. https://doi.org/10.3733/ca.2017a0008	2017	3.1.1	PR	<i>California Agriculture</i>	North America	USA	California	Sonoma	Temperate	Mediterranean	No
Nutrient retention	Butsic V, Shapero M, Moanga D, Larson S. 2017. Using InVEST to assess ecosystem services on conserved properties in Sonoma County, CA. <i>Calif Agr</i> 71(2):81-89. DOI: 10.3733/ca.2017a0008. https://doi.org/10.3733/ca.2017a0008	2017	3.1.1	PR	<i>California Agriculture</i>	North America	USA	California	Sonoma	Temperate	Mediterranean	No
Coastal Vulnerability	Cabral, Pedro, Gabriela Augusto, Adeoluwa Akanc Assessing Mozambique's exposure to coastal climate risk. <i>International Journal of Disaster Risk Reduction</i> 2017.04.002 https://doi.org/10.1016/j.ijdrr.2017.04.002	2017	3.1.1	PR	<i>International Journal of Disaster Risk Reduction</i>	Africa	Mozambique	NA	Coastline	Tropical	NA	No
Habitat Risk Assessment	Cabral, Pedro, Gabriela Augusto, Adeoluwa Akanc Assessing Mozambique's exposure to coastal climate risk. <i>International Journal of Disaster Risk Reduction</i> 2017.04.002 https://doi.org/10.1016/j.ijdrr.2017.04.002	2017	3.1.1	PR	<i>International Journal of Disaster Risk Reduction</i>	Africa	Mozambique	NA	Coastline	Tropical	NA	No
Carbon	Ma, Shan, Jennifer M. Duggan, Bradley A. Eichelberger, Brynn W. McNally, Jeffrey R. Foster, Eda Pepi, Marc N. Conte, Gretchen C. Dally, Guy Ziv Valuation of ecosystem services to inform management of multiple-use landscapes. <i>Ecosystem Services</i> 19(2016)6-18 https://doi.org/10.1016/j.ecoser.2016.03.005	2016	NA	PR	<i>Ecosystem Services</i>	North America	USA	Washington	South Puget Sound	Temperate	Marine	Yes

Model	Citation (include doi, if available)	Year	InVEST version	Peer-reviewed (PR), grey literature (GL) or dissertation/thesis (DT)?	Place of Publication (Journal title, book title, university or publishing organization, depending on if PR, GL, or DT)	Continent	Country	State/Province	Specific location	Climate category	Climate description	NatCap co-author?
Managed Timber production	Ma, Shan, Jennifer M. Duggan,Bradley A. Eichelberger,Brynn W. McNally,Jeffrey R. Foster,Eda Pepi,Marc N. Conte,Gretchen C. Daily,Guy Ziv Valuation of ecosystem services to inform management of multiple-use landscapes Ecosystem Services19(2016)6–18 https://doi.org/10.1016/j.ecoser.2016.03.005	2016	NA	PR	Ecosystem Services	North America	USA	Washington	South Puget Sou	Temperate	Marine	Yes
Habitat Risk Assessment	Ma, Shan, Jennifer M. Duggan,Bradley A. Eichelberger,Brynn W. McNally,Jeffrey R. Foster,Eda Pepi,Marc N. Conte,Gretchen C. Daily,Guy Ziv Valuation of ecosystem services to inform management of multiple-use landscapes Ecosystem Services19(2016)6–18 https://doi.org/10.1016/j.ecoser.2016.03.005	2016	NA	PR	Ecosystem Services	North America	USA	Washington	South Puget Sou	Temperate	Marine	Yes