NAME	Brief description	Type of model	Access	Appropriate scale for use	Valuation	Stakeholder involvement	Developer	Web 1	Web 2	Notes	factshe et no
(Corporate) Ecosystem Services Review (ESR) and Ecosystem Valuation Initiative (EVI)	Publicly available, spreadsheet-based process to qualitatively assess ecosyste services impacts						World Resources Institute; World Business Council on Sustainable Development			Directed at corporate impacts; ecosystem services-related resource and waste sink dependencies and potential economic opportunities and liabilities for corporations	
ARIES		Benefits transfer	Open	Landscape to watershed		Desirable		http://www.ariesonline.org/			
CENTURY carbon model	CENTURY includes a soil organic matter/decomposition sub-model, a water budget sub-model, two plant production sub-models (grassland and forest), and functions for scheduling events				carbon			http://www.archive.arm.gov/Carbon/dataneeds/CENTURY.html			
EcoAIM	Proprietary tool for mapping ecosystem services and stakeholder preferences	Prioritization	Proprietary	Site-level to landscape		Required	Exponent				
EcoMetrix	Proprietary tool for measuring ecosystem services at site scales using field surveys	Benefits transfer	Proprietary	Site-level		No	Parametrix				
EcoServ	Web-accessible tool to model ecosystem services		Open				USGS and Chinese Academy of Sciences				
Ecosystem Portfolio Model	Web-accessible tool to model economic, environmental, and quality of life impacts of alternative land use choices	Prioritization		multiple scales (South Florida, Puget Sound)	multi-criteria	required					
Ecosystem Portfolio Model						Required					
Ecosystem Services Review											
Ecosystem valuation toolkit							Earth Economics	http://esvaluation.org/			
Envision (Evoland)	Modeling approach for evaluating impacts of alternative futures on landscape metrics including ecosystem services							http://envision.bioe.orst.edu/			
ESValue	Proprietary tool for mapping stakeholder preferences for ecosystem services using focus groups	Prioritization	Proprietary	Site-level to landscape		Required	Entrix	http://www.cardno.com	http://www.conference.ifas.ufl.edu/aces12/presentations/1%20Monday/A-B/Workshop/pm/YES/2%20-Yingling.pdf		
EVRI database		Point transfer									
Federal Resource Management and Ecosystem Services Guidebook							National Ecosystem Services Partnership	https://nespguidebook.com/			
GEMS	soil carbon							http://www.usgs.gov/climate_landuse/land_carbon/BGM.asp	http://www.usgs.gov/climate_landuse/land_carbon/pubs/Liu_etal_GEMS_2012.pdf		
Green infrastructure toolkit											
InVEST		Production function	Open	Landscape to watershed		Desirable		http://www.naturalcapitalproject.org/InVEST.html			
Management-Scale Ecosystem Assessment using Remote Sensing (MEASURES-V Tech)	Web-accessible tool to quantify ecosystem services in Virginia			Site-specific (Virginia)				http://vmdev.cgit.vt.edu/MEASURES/, http://www.cmiweb.org/projectpage.aspx?projectid=57			
Multiscale Integrated Models of Ecosystem Services (MIMES)	Open source dynamic modeling system for mapping and valuing ecosystem services		Open				University of Vermont's Gund Institute for Ecological Economics and currently managed by AFORDable Futures, LLC	http://www.afordablefutures.com/		Requires commercial modeling software (SIMILE); model construction currently requires contracting with development group	
NAIS (Natural Assets Information System)	Proprietary valuation database paired with GIS mapping of land-cover types for point transfer	Benefits transfer	Proprietary	Site-level to landscape		Desirable	Spatial Informatics Group				
Nature Value explorer	Spatially explicit webtool to value the impact of landuse changes on ecosystem services in rural and urban context.	function transfer	open	Site-level (data specific for Belgium, but can be expanded)	qualitative, quantitative and monetary valuation methods for a range of ecosystem services.	no	VITO and University of Antwerp	www.natuurwaardeverkenner.be			2
Quick scan tools							Wageningen	http://www.wageningenur.nl/nl/Expertises-Dienstverlening/Onderzoeksinstituten/Alterra/Expertisegebieden/natuurbiodiversiteit/Quick-sca	http://quickscan.pro/index.html		
SERVES (Simple Effective Resource for Valuing Ecosystem Services)				Site-level to landscape							
Sites v2							Sustainable Initiative Sites	http://www.sustainablesites.org/SITESv2_now_available			
SolVES	ArcGIS toolbar for mapping social values for ecosystem services based on survey data or value transfer	Prioritization	Open	Landscape		Required	USGS and Colorado State University	http://solves.cr.usgs.gov			
SWAT				Watershed							
TESSA			Open	Site-level		Required		http://tessa.tools/		This toolkit is designed to provide practical guidance on how to assess and monitor ecosystem services at the site scale without substantial technical expertise or financial resources.	
VIC				Watershed							
WaSSI								http://www.wassiweb.sgcp.ncsu.edu/			
WEAP			Proprietary				Stockholm Environment Institute	http://www.weap21.org/			
Wildlife Habitat Benefits Esimtation Toolkit	A set of spreadsheets	Function transfer					Defenders of Wildlife, Colorado State University's Department of Agricultural and Resource Economics	http://www.defenders.org/publications/introduction_to_the_wildlife_habitat_benefits_estimation_toolkit.pdf		For the ecosystem services related to recreation, hedonic property premiums, and willingness to pay for threatened and endangered species recovery	