

Mary Ruckelshaus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2151418/publications.pdf>

Version: 2024-02-01

51
papers

6,932
citations

134610

34
h-index

223390

49
g-index

52
all docs

52
docs citations

52
times ranked

10186
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 25 years of valuing ecosystems in decision-making. <i>Nature</i> , 2022, 606, 465-466. | 13.7 | 19 |
| 2 | Coastal vulnerability to climate change in China's Bohai Economic Rim. <i>Environment International</i> , 2021, 147, 106359. | 4.8 | 26 |
| 3 | Dramatic mariculture expansion and associated driving factors in Southeastern China. <i>Landscape and Urban Planning</i> , 2021, 214, 104190. | 3.4 | 9 |
| 4 | A transition to sustainable ocean governance. <i>Nature Communications</i> , 2020, 11, 3600. | 5.8 | 96 |
| 5 | Renewable energy targets may undermine their sustainability. <i>Nature Climate Change</i> , 2020, 10, 974-976. | 8.1 | 49 |
| 6 | Harnessing new data technologies for nature-based solutions in assessing and managing risk in coastal zones. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101795. | 1.8 | 18 |
| 7 | Using gross ecosystem product (GEP) to value nature in decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14593-14601. | 3.3 | 234 |
| 8 | The IPBES Global Assessment: Pathways to Action. <i>Trends in Ecology and Evolution</i> , 2020, 35, 407-414. | 4.2 | 77 |
| 9 | Global modeling of nature's contributions to people. <i>Science</i> , 2019, 366, 255-258. | 6.0 | 279 |
| 10 | Advancing Coastal Risk Reduction Science and Implementation by Accounting for Climate, Ecosystems, and People. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 46 |
| 11 | Scaling Pathways for Inclusive Green Growth. , 2019, , 17-27. | | 0 |
| 12 | Introduction to the Special Issue on PISCO: Partnership for Interdisciplinary Studies of Coastal Oceans. <i>Oceanography</i> , 2019, 32, 12-15. | 0.5 | 0 |
| 13 | Leveraging vessel traffic data and a temporary fishing closure to inform marine management. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 440-446. | 1.9 | 12 |
| 14 | Life cycle assessment needs predictive spatial modelling for biodiversity and ecosystem services. <i>Nature Communications</i> , 2017, 8, 15065. | 5.8 | 69 |
| 15 | Integrated planning that safeguards ecosystems and balances multiple objectives in coastal Belize. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2017, 13, 1-17. | 2.9 | 36 |
| 16 | Transdisciplinary Research for Conservation and Sustainable Development Planning in the Caribbean. , 2017, , 333-357. | | 11 |
| 17 | Habitat risk assessment for regional ocean planning in the U.S. Northeast and Mid-Atlantic. <i>PLoS ONE</i> , 2017, 12, e0188776. | 1.1 | 31 |
| 18 | Evaluating the Benefits of Green Infrastructure for Coastal Areas: Location, Location, Location. <i>Coastal Management</i> , 2016, 44, 504-516. | 1.0 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Entry Points for Considering Ecosystem Services within Infrastructure Planning: How to Integrate Conservation with Development in Order to Aid Them Both. <i>Conservation Letters</i> , 2016, 9, 221-227. | 2.8 | 21 |
| 20 | Toward a national, sustained U.S. ecosystem assessment. <i>Science</i> , 2016, 354, 838-839. | 6.0 | 15 |
| 21 | Government: Plan for ecosystem services. <i>Science</i> , 2016, 351, 1037-1037. | 6.0 | 71 |
| 22 | Incorporating the visibility of coastal energy infrastructure into multi-criteria siting decisions. <i>Marine Policy</i> , 2015, 62, 218-223. | 1.5 | 29 |
| 23 | Mitigation for one & all: An integrated framework for mitigation of development impacts on biodiversity and ecosystem services. <i>Environmental Impact Assessment Review</i> , 2015, 55, 21-34. | 4.4 | 98 |
| 24 | Improving global environmental management with standard corporate reporting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7375-7382. | 3.3 | 53 |
| 25 | Impacts of conservation and human development policy across stakeholders and scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7396-7401. | 3.3 | 100 |
| 26 | Natural capital and ecosystem services informing decisions: From promise to practice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7348-7355. | 3.3 | 717 |
| 27 | Embedding ecosystem services in coastal planning leads to better outcomes for people and nature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7390-7395. | 3.3 | 324 |
| 28 | Reply to Phelps et al: Liability rules provide incentives to protect natural capital. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5380-E5380. | 3.3 | 2 |
| 29 | Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions. <i>Ecological Economics</i> , 2015, 115, 11-21. | 2.9 | 433 |
| 30 | Assessing habitat risk from human activities to inform coastal and marine spatial planning: a demonstration in Belize. <i>Environmental Research Letters</i> , 2014, 9, 114016. | 2.2 | 69 |
| 31 | Characterizing coastal foodwebs with qualitative links to bridge the gap between the theory and the practice of ecosystem-based management. <i>ICES Journal of Marine Science</i> , 2014, 71, 713-724. | 1.2 | 24 |
| 32 | Key lessons for incorporating natural infrastructure into regional climate adaptation planning. <i>Ocean and Coastal Management</i> , 2014, 95, 189-197. | 2.0 | 31 |
| 33 | Securing ocean benefits for society in the face of climate change. <i>Marine Policy</i> , 2013, 40, 154-159. | 1.5 | 91 |
| 34 | Coastal habitats shield people and property from sea-level rise and storms. <i>Nature Climate Change</i> , 2013, 3, 913-918. | 8.1 | 598 |
| 35 | Achieving the triple bottom line in the face of inherent trade-offs among social equity, economic return, and conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6229-6234. | 3.3 | 231 |
| 36 | Climate change's impact on key ecosystem services and the human well-being they support in the US. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 483-893. | 1.9 | 150 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Benefits, costs, and livelihood implications of a regional payment for ecosystem service program. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16681-16686. | 3.3 | 188 |
| 38 | Climate change impacts on ecological systems: introduction to a US assessment. Frontiers in Ecology and the Environment, 2013, 11, 456-464. | 1.9 | 44 |
| 39 | Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. BioScience, 2012, 62, 744-756. | 2.2 | 796 |
| 40 | New metrics for managing and sustaining the ocean's bounty. Marine Policy, 2012, 36, 303-306. | 1.5 | 67 |
| 41 | Near-term priorities for the science, policy and practice of Coastal and Marine Spatial Planning (CMSP). Marine Policy, 2012, 36, 198-205. | 1.5 | 120 |
| 42 | The many faces of ecosystem-based management: Making the process work today in real places. Marine Policy, 2010, 34, 340-348. | 1.5 | 246 |
| 43 | Ecosystem Services as a Common Language for Coastal Ecosystem-Based Management. Conservation Biology, 2010, 24, 207-216. | 2.4 | 246 |
| 44 | Science in support of ecosystem-based management for the US West Coast and beyond. Biological Conservation, 2010, 143, 576-587. | 1.9 | 131 |
| 45 | Marine Ecosystem-based Management in Practice: Scientific and Governance Challenges. BioScience, 2008, 58, 53-63. | 2.2 | 216 |
| 46 | Hydrologic regime and the conservation of salmon life history diversity. Biological Conservation, 2006, 130, 560-572. | 1.9 | 153 |
| 47 | How Much Is Enough? The Recurrent Problem of Setting Measurable Objectives in Conservation. BioScience, 2005, 55, 835. | 2.2 | 254 |
| 48 | Protocols for listing threatened species can forecast extinction. Ecology Letters, 2004, 7, 1101-1108. | 3.0 | 38 |
| 49 | Comparing predictions of extinction risk using models and subjective judgement. Acta Oecologica, 2004, 26, 67-74. | 0.5 | 66 |
| 50 | Dispersal and Landscape Errors in Spatially Explicit Population Models: a Reply. Conservation Biology, 1999, 13, 1223-1224. | 2.4 | 21 |
| 51 | Assessing the Data Requirements of Spatially Explicit Dispersal Models. Conservation Biology, 1997, 11, 1298-1306. | 2.4 | 197 |