



## Josheena Naggea

- Postdoctoral Scholar, Earth System Science
- Postdoctoral Scholar, Environmental Social Sciences

### Bio

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#### BIO

Josheena is the Blue Food Futures Program Manager at the Stanford Center for Ocean Solutions. Previously, she was an André Hoffmann Ocean Innovation Fellow at the Stanford Center for Ocean Solutions and the World Economic Forum. Her work focused on supporting local blue food innovation and community inclusion in blue carbon initiatives for the Blue Carbon Action Partnership.

Her community-engaged research focuses on small-scale fisheries, disaster impacts and recovery, marine protected area management, and the valorization of natural and cultural heritage in ocean governance. She has a keen interest in understanding people-ocean connections and how that influences pro-ecological behavior and local environmental stewardship.

She is also an IPBES (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services) fellow on the Transformative Change Assessment, investigating the determinants of transformative change and pathways for achieving the 2050 Vision for Biodiversity.

Josheena holds a Ph.D. in Environment and Resources from Stanford University. Her doctoral work aimed to support ocean governance in the Western Indian Ocean, with a focus on the Republic of Mauritius, her home country. She is a founding member of the newly created Africa-Europe Group on Ocean Governance and the Blue Economy and the chairperson of the national steering committee of the Global Environment Facility Small Grants Programme, implemented by the United Nations Development Programme in Mauritius, where she continues to support community-led efforts for sustainability, biodiversity conservation, and poverty alleviation.

#### STANFORD ADVISORS

- Krish Seetah, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Josheena's community-engaged research focuses on small-scale fisheries, disaster impacts and recovery, marine protected area management, and the valorization of natural and cultural heritage in ocean governance. She has a keen interest in understanding people-ocean connections and how that influences pro-ecological behavior and local environmental stewardship.

## Publications

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### PUBLICATIONS

- **Advancing interdisciplinary science of gender is key to the success of blue carbon initiatives.** *Nature communications*  
Yadao-Evans, W., Lopez, D. E., Aigrette, L., Arce-Peña, N., Beeston, M., Canty, S. W., De Silva, S., Grimm, K. E., Hamilton, J., House, J., Howard, J., James, R., Lawless, et al  
2025; 16 (1): 10184
- **COVID-19 highlights the need to improve resilience and equity in managing small-scale fisheries.** *npj ocean sustainability*  
Mangubhai, S., Olguin-Jacobson, C., Charles, A., Cinner, J., de Vos, A., Graham, R. T., Ishimura, G., Mills, K. E., Naggea, J., Okamoto, D. K., O'Leary, J. K., Salomon, A. K., Rashid Sumaila, et al  
2024; 3 (1): 61
- **Advancing ocean equity at the nexus of development, climate and conservation policy.** *Nature ecology & evolution*  
Claudet, J., Blythe, J., Gill, D. A., Bennett, N. J., Gurney, G. G., Evans, L., Mahajan, S. L., Turner, R. A., Ahmadi, G. N., Ban, N. C., Epstein, G., Jupiter, S. D., Lau, et al  
2024
- **Effects of management objectives and rules on marine conservation outcomes.** *Conservation biology : the journal of the Society for Conservation Biology*  
Ban, N. C., Darling, E. S., Gurney, G. G., Friedman, W., Jupiter, S. D., Lestari, W. P., Yulianto, I., Pardede, S., Tarigan, S. A., Prihatiningsih, P., Mangubhai, S., Naisilisili, W., Dulunaqio, et al  
2023
- **A comparative case study of multistakeholder responses following oil spills in Pointe d'Esny, Mauritius, and Huntington Beach, California** *ECOLOGY AND SOCIETY*  
Naggea, J., Miller, R. K.  
2023; 28 (1)
- **Rare coral and reef fish species status, possible extinctions, and associated environmental perceptions in Mauritius** *CONSERVATION SCIENCE AND PRACTICE*  
McClanahan, T., Munbodhe, V., Naggea, J., Muthiga, N., Bhagooli, R.  
2021
- **Biodiversity needs every tool in the box: use OECMs** *Comment NATURE*  
Gurney, G. G., Darling, E. S., Ahmadi, G. N., Agostini, V. N., Ban, N. C., Blythe, J., Claudet, J., Epstein, G., Estradivari, Himes-Cornell, A., Jonas, H. D., Armitage, D., Campbell, S. J., et al  
2021; 595 (7869): 646-649
- **How adaptive capacity shapes the Adapt, React, Cope response to climate impacts: insights from small-scale fisheries** *CLIMATIC CHANGE*  
Green, K. M., Selgrath, J. C., Frawley, T. H., Oestreich, W. K., Mansfield, E. J., Urteaga, J., Swanson, S. S., Santana, F. N., Green, S. J., Naggea, J., Crowder, L. B.  
2021; 164 (1-2)
- **The impact of environmental change on small-scale fishing communities: moving beyond adaptive capacity to community response** *PREDICTING FUTURE OCEANS: SUSTAINABILITY OF OCEAN AND HUMAN SYSTEMS AMIDST GLOBAL ENVIRONMENTAL CHANGE*  
Oestreich, W. K., Frawley, T. H., Mansfield, E. J., Green, K. M., Green, S. J., Naggea, J., Selgrath, J. C., Swanson, S. S., Urteaga, J., White, T. D., Crowder, L. B.  
edited by CisnerosMontemayor, A. M., Cheung, W. W., Ota, Y.  
2019: 271–82
- **Triple exposure: Reducing negative impacts of climate change, blue growth, and conservation on coastal communities** *ONE EARTH*  
Gill, D. A., Blythe, J., Bennett, N., Evans, L., Brown, K., Turner, R. A., Baggio, J. A., Baker, D., Ban, N. C., Brun, V., Claudet, J., Darling, E., Di Franco, et al  
2023; 6 (2): 118-130