

Dr Wayne Stanley RICE

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Education

- Ph.D (Environmental & Geographical Sciences) University of Amsterdam & University of Cape Town
 - M.Phil (Environmental, Society & Sustainability) University of Cape Town
 - B.Sc. (Biological Human Life Sciences) Stellenbosch University
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Professional Experience

FEBRUARY 2021 - JUNE 2021

Conservation Scientist, Canadian Centre for Evidence-Based Conservation, Carleton University

- Led the collaborative development of a systematic map protocol for a United States Fisheries and Wildlife Services funded project on the effectiveness of different conservation governance types to deliver ecological and human well-being outcomes in African, Asian, and Latin American interventions

OCTOBER 2019 - APRIL 2020

Research Associate, Department of Environmental & Geographical Sciences, University of Cape Town

- Conducted individual and collaborative research, and prepared various written outputs, and presentations relating to South Africa's multi-stakeholder Blue Economy initiative *Operation Phakisa* as part of the One Ocean Hub Blue Economy project

MARCH 2014 - OCTOBER 2019

Research Assistant, Department of Environmental & Geographical Sciences, University of Cape Town

- Conducted individual and collaborative research, produced various written and visual outputs, and facilitated multi-stakeholder focus groups and workshops.
- Topics included Climate Change Adaptation, Coastal Mining, and Protected Areas and Fisheries Management

Part-time Lecturer, Cape Peninsula University of Technology

- Taught undergraduate course entitled Global Environmental Studies in the Faculty of Engineering and Applied Sciences

Research Area/Topic/Discipline

- Environmental Governance and Policy
- Climate Change Adaptation
- Community-Based Conservation
- Social-Ecological Systems
- Environmental Resilience

Short Biography

I am an interdisciplinary environmental social scientist interested in the human dimensions of environmental change, and the facilitation of equitable and socially-just environmental governance. To date, this interest has developed within the context of African community-based coastal and marine conservation and development interventions. While at ARI, I look forward to expanding my knowledge and skills related to effective collaborative conservation and sustainable management of tropical peatlands in Southeast Asia.

Publications

Refereed Articles

Rice, W.S. (2022). Identifying and developing effective post-2020 conservation bridging leaders. *Conservation Biology*, e13980. <https://doi.org/10.1111/cobi.13980>

Rice, W.S. (2022). Exploring common dialectical tensions constraining collaborative communication required for post-2020 conservation. *Journal of Environmental Management*, 316, 115187. <https://doi.org/10.1016/j.jenvman.2022.115187>

Rice W.S., Sowman, M.R., & Bavinck, M. (2021). Informing a conservation policy-praxis disjuncture: A 'commons' perspective to tackling coastal-marine community-conserved area implementation in South Africa. *Biological Conservation*, 261, 109296. <https://doi.org/10.1016/j.biocon.2021.109296>

Rice W.S., Sowman, M.R., & Bavinck, M. (2020). Using Theory of Change to improve post-2020 conservation: A proposed framework and recommendations for use. *Conservation Science and Practice*, 2(12), e301. <https://doi.org/10.1111/csp2.301>

Armitage, D., Mbatha, P., Muhl, E., Rice, W.S., & Sowman, M.R. (2020). Governance principles for community-centred conservation in the post-2020 global biodiversity framework. *Conservation Science and Practice*, 2(2), e160. <https://doi.org/10.1111/csp2.160>

Rice, W.S., Raemaekers, S.J.-P.N., & Sowman, M.R. (2017). Understanding bycatch using an EAF approach: The case of the Olifants estuary small-scale gillnet-fishery, South Africa. *Ocean & Coastal Management*, 149, 22-32. <https://doi.org/10.1016/j.ocecoaman.2017.09.016>

Book Chapters

Sowman M.R., Rice, W.S., Minerva Arce-Ibarra, A., Peña-Azcona, I. (2021). *Meanings & Motivations: Communities & Conservation*. In: Charles, A. (Ed.). *Communities, Conservation & Livelihoods*. Gland, Switzerland: IUCN; Halifax, Canada: Community Conservation Research Network, 2021. <https://doi.org/10.2305/IUCN.CH.2021.01.en>

Rice, W.S., & Nguyen, H. B. (2015). *Linguistic Politeness: The Backbone of Cross-Cultural Communication within a Second Language Environment*. In: Fan, S., Le, T., & Le, Q. (Eds.). *Linguistics and language education in new horizons: The link between theory, research and pedagogy*, 159-168. New York: Nova Science Publishers.

Op-Eds

Rice, W.S. (2021). Informing South Africa's Coastal-Marine Community Conservation policy-Praxis Disjuncture. *The MarSocSci Blog*, 23 November.

Rice, W.S. (2021). How South Africa can get communities involved in conserving coastal and marine areas. *The Conversation*, 21 November.

Rice, W.S. (2020). Change begets change: Using Theory of Change for improved post-2020 conservation. *The MarSocSci Blog*, 18 December.

Armitage, D., Muhl, E., Sowman, M.R. Mbatha, P., & Rice, W.S. (2020). Why communities must be at the heart of conserving wildlife, plants and ecosystems. *The Conversation*, 30 March.

Awards/Grants and Distinctions

2016 Doctoral Innovation Grant

Funder: South African National Research Foundation [Grant Number: 101955]

2015 Golden Key International Honour Society

2015 Doctoral Research Merit Award

Funder: University of Cape Town

2015 Doctoral Research Scholarship

Funder: Community Conservation Research Network

2014 Masters Research Scholarship

Funder: Community Conservation Research Network