

# Understanding the Enablers and Barriers to Local Environmental Stewardship

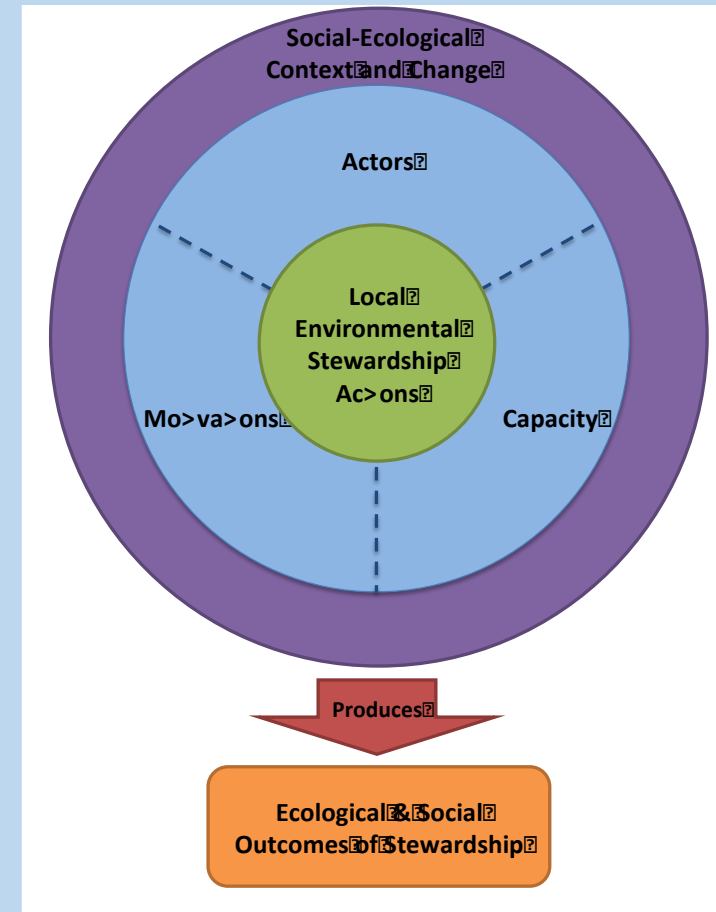
Organized by Nathan Bennett and Sharmalene Mendis-Millard

Communities, Conservation and Livelihoods Conference

Tuesday, May 29, 2018 - 10:30-11:30am – Session: Special 3A in SB255

# Understanding local environmental stewardship

*Local environmental stewardship is the actions taken by individuals, groups or networks of actors, with various motivations and levels of capacity, to protect, care for or responsibly use the environment in pursuit of environmental and/or social outcomes in diverse social-ecological contexts.*



Bennett, N. J., Whitty, T. S., Finkbeiner, E., Pittman, J., Bassett, H., Gelcich, S., & Allison, E. H. (2018). Environmental Stewardship: A Conceptual Review and Analytical Framework. *Environmental Management*. Link: <https://doi.org/10.1007/s00267-017-0993-2>

# Panelists

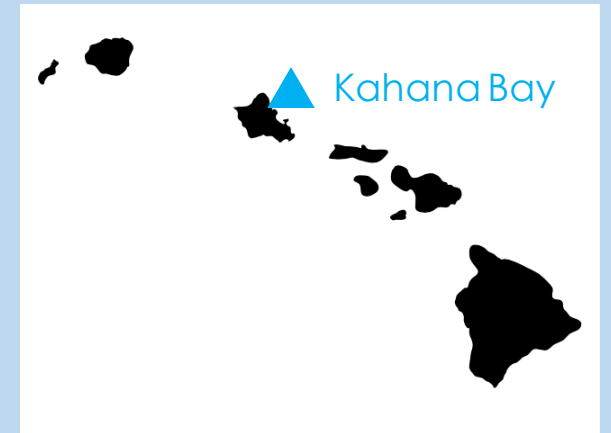
- Osvaldo Munguia, Director of MOPAWI
- Shaelene Kamakaala, Esq., Kua'āina Ulu 'Auamo (KUA)
- Charles Young, KUPA - Friends of Ho'okena Beach Park
- Prateep Nayak, Assistant Professor, University of Waterloo
- Merle Sowman, Assistant Professor, University of Cape Town

# Format and Background Questions

- **Panel Format**

- Facilitated Conversation; No Presentations; Single Slide with Pictures.
- Introduction to session and panelists - 10 minutes (Nathan)
- Introduction to case studies - 20 minutes (All panelists, 5 minutes each)
- Facilitated discussion with panelists guided by questions - 30 minutes (All panelists - Facilitation: Nathan and Sharmalene)
- Closing thoughts and thank you: Sharmalene

- **Background on case studies** - Please tell us about your case study of local environmental stewardship: a) geographical location, social and ecological context, primary resource(s) and characteristics of local stewards; b) types of stewardship actions being taken; c) project motivations and objectives; and, d) current involvement of and support from external actors and organizations. (5 minute introduction from each)



Shaelene Kamakaala, Esq.







Charles Young  
KUPA - Friends of Ho'okena Beach Park  
Ho'okena.org



# Fishers of the Olifants Estuary, South Africa

## Barriers

- Govt wont devolve power
- Power of “science”
- Bureaucratic delays
- Local institutions lack capacity & resources
- New threats from mining

## Enablers

- Enabling policy & law
- Knowledge of rights
- Assertion of rights
- Partnerships
- Participation
- Capacity development
- Local monitoring
- Social Learning

Merle Sowman, UCT







WWF

## WELCOME TO CHILIKA LAGOON

### A BIRD WATCHER'S PARADISE.



Chilika  
Development Authority

#### SALIENT FEATURES OF THE LAGOON :-

- > WINNER OF RAMSAR WETLAND CONSERVATION AWARD.
- > ASIA'S LARGEST BRACKISH WATER LAGOON & INDIA'S LARGEST RAMSAR SITE.
- > AREA OF LAKE-MONSOON-1165 sq. km. SUMMER-906 sq. km.
- > FED BY TIDAL INFLOW OF SEA AND FRESH WATER INFLOW FROM 52 RIVERS & RIVULETS.

#### BIRD FACTS:- OVER A MILLION BIRDS OF 230 SPECIES.

- > (74 AQUATIC, 51 WADERS, 91 LAND BIRDS & 14 OTHER SPECIES)
- > 95 SPECIES ARE MIGRATORY-FROM CASPIAN SEA, LAKE BAIKAL, NORTH RUSSIA, CENTRAL & SOUTH EAST ASIA, LADAKH, HIMALAYAS
- > 15 DUCK & 2 GEESE SPECIES COVER 70% OF MIGRATORY BIRDS.
- > OTHER SPECIES ARE COOTS, RAILS, CRANES, WADER/SHORE BIRDS, PELICANS, GREBS KITES/EAGLES/KINGFISHER.

#### OTHER FACTS:- 217 FISH SPECIES (FRESH WATER, ESTUARINE & MARINE)

- > MORE THAN 100 IRRAWADDY DOLPHINS FOUND HERE.
- > 7 AMPHIBIAN SPECIES, 30 REPTILE SPECIES, (12 LIZARD, 18 SNAKE), 18 MAMMAL SPECIES IN HABIT THIS LAKE.

#### ENDANGERED SPECIES OF THE LAGOON :-

- > BARKUDIA INSULARIS (LIMBLESS, LIZARD), IRRAWADDY DOLPHIN, FISHING CAT, WHITE BELLY SEA EAGLE, OSPREY, SPOONBILLED SANDPIPER, DALMATIAN PELICAN, SPOT BILLED PELICAN, PALLAS'S, FISH EAGLE, INDIAN SKIMMER, LESSER & GREATER ADJUTANT, PAER'S POCHARD & WOOD SNIPE.



**Prateep Kumar Nayak**

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**Oswaldo Munguia**  
**Director of MOPAWI**

# Discussion Questions

1. Success and Failures - What successes and failures have there been in achieving the ecological and social objectives of these local stewardship initiatives?
2. Enablers and Barriers - What are the key enablers and barriers to the success of local stewardship efforts?
3. External Supports for Local Stewardship - What types of actions can be taken by outside organizations or policy-makers to support local stewardship efforts?