



Watersheds and Coral Reefs: Conservation Science, Policy and Implementation

Coral Reef Ecosystem Studies - Micronesia

Noah Idechong, Speaker, Palau National Congress

Robert H. Richmond, Kewalo Marine Lab, University of Hawaii at Manoa

Traditional Marine Resource Use and Management



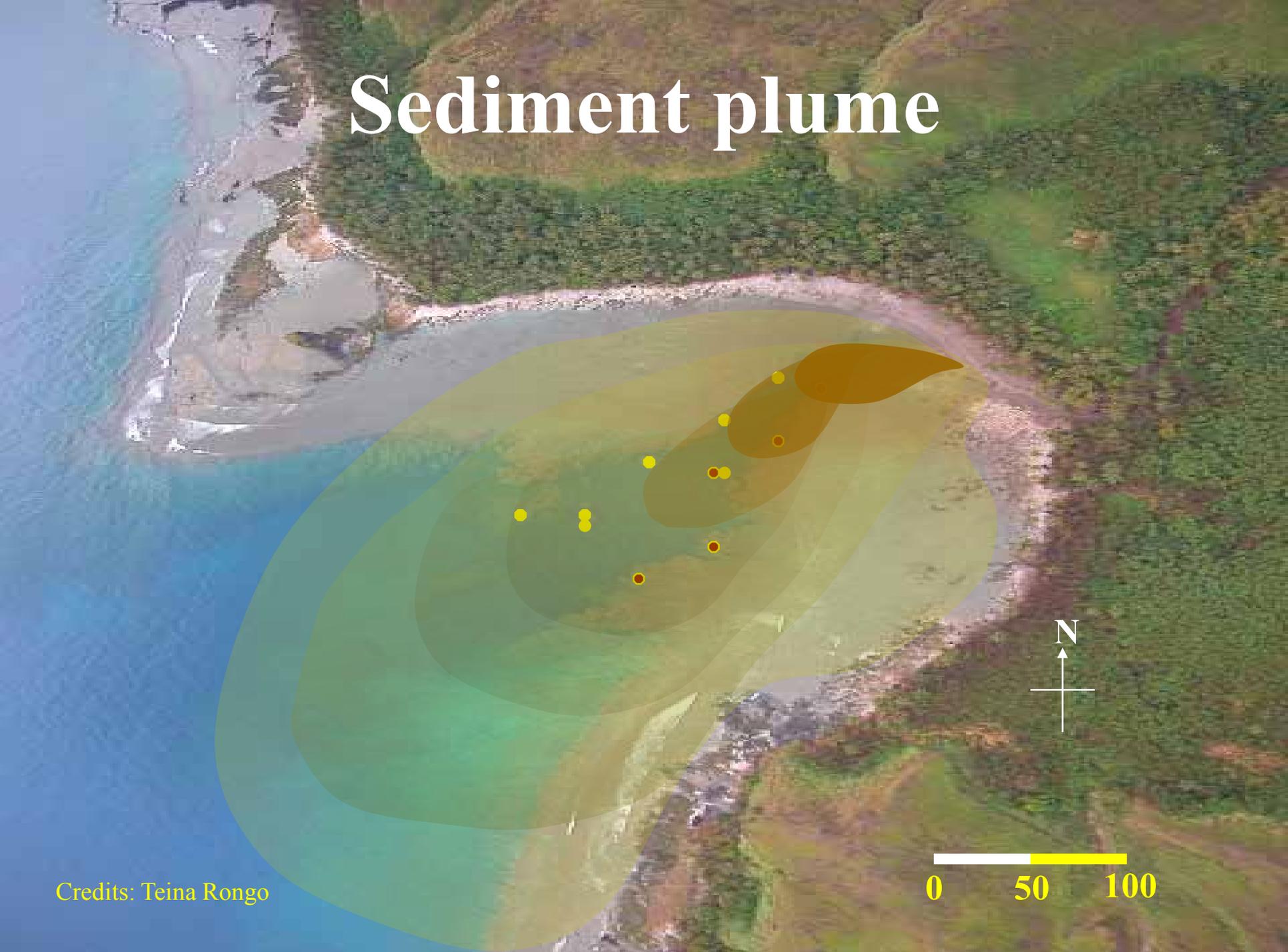
Persistence and Perpetuation of Coral Reefs



Watershed Impacts: Runoff from Roads, Agriculture and Development



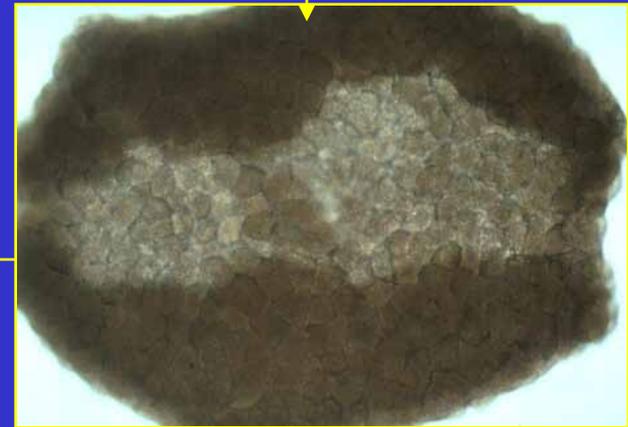
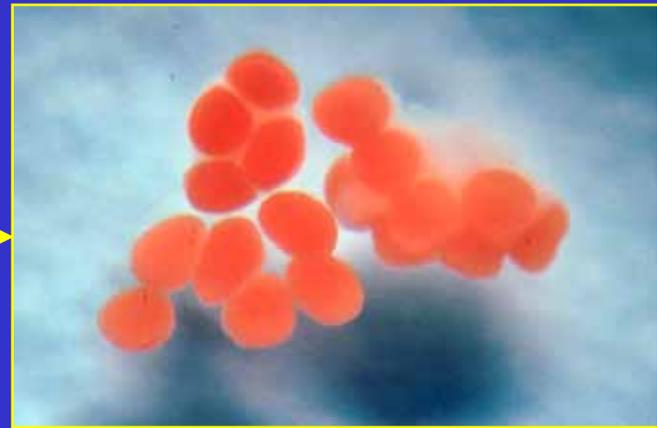
Sediment plume



Credits: Teina Rongo

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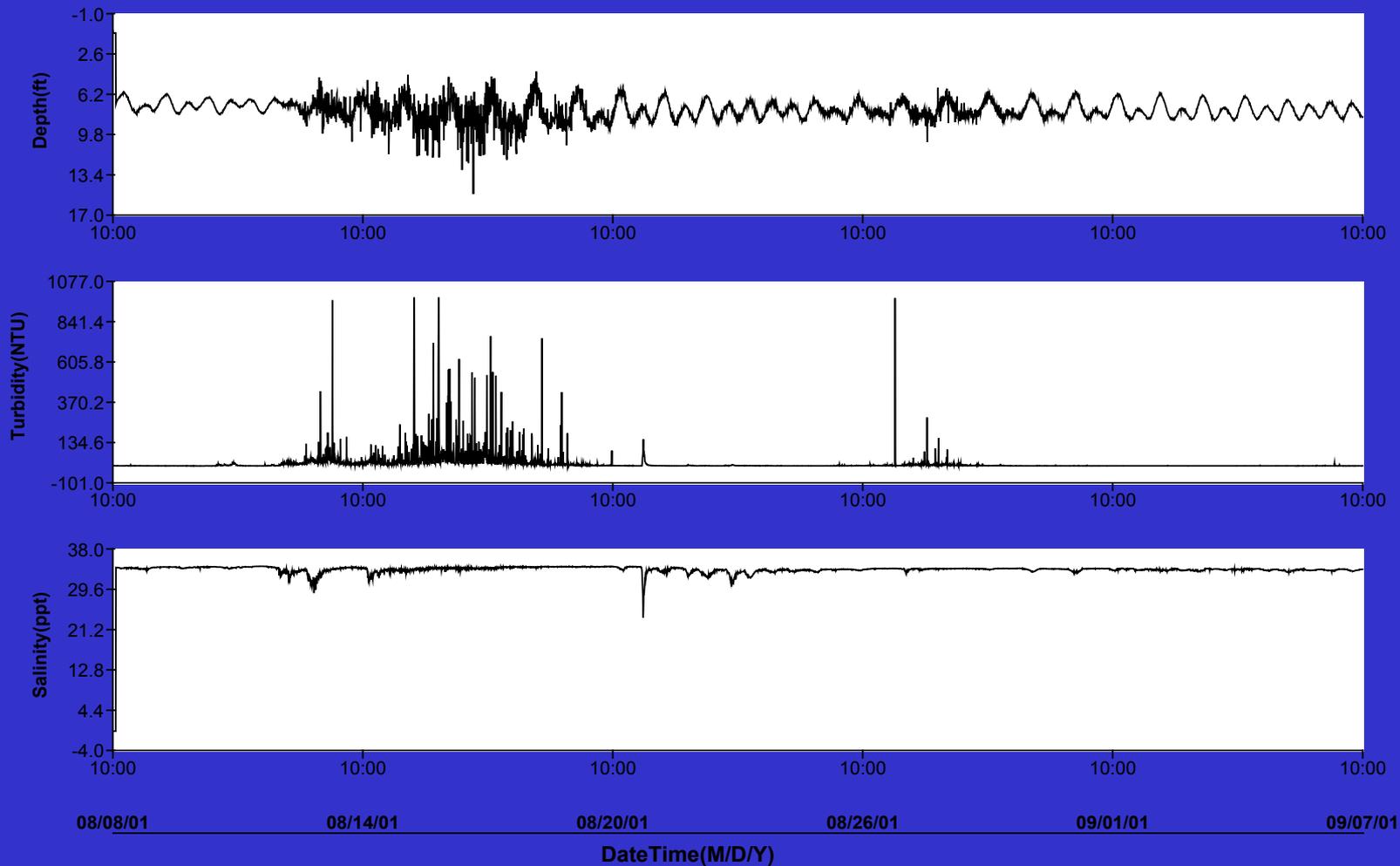


Critical
Links in the
Chain

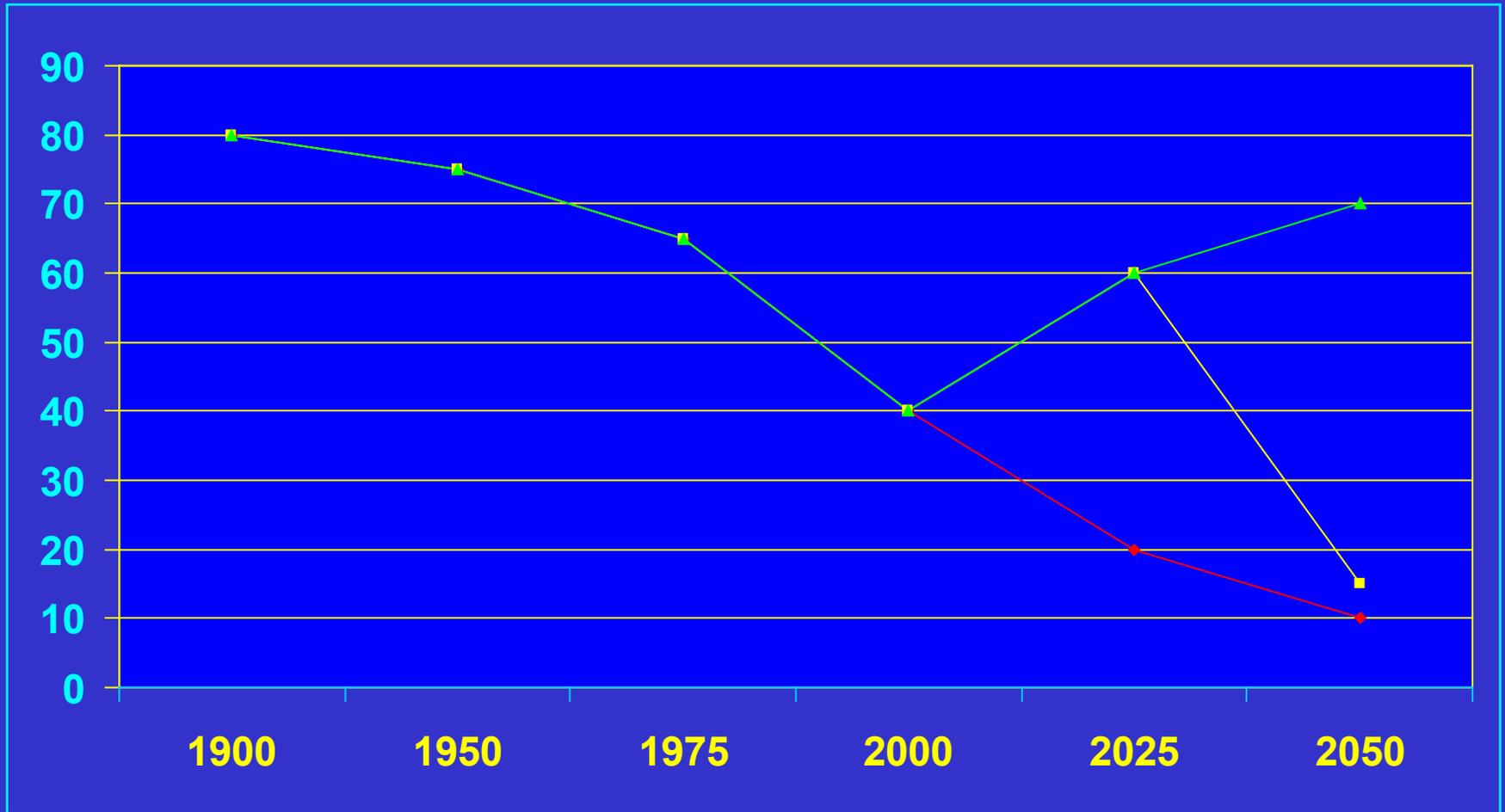


Turbidity/salinity/wave profile – Fouha Bay, Guam

Fouha Bay



Future Scenarios



Modified from Wolanski, 2008;
Richmond and Wolanski, in prep.

A Tale of Three Communities

- Palau
- Guam
- Pohnpei



Guam Community Watershed Restoration



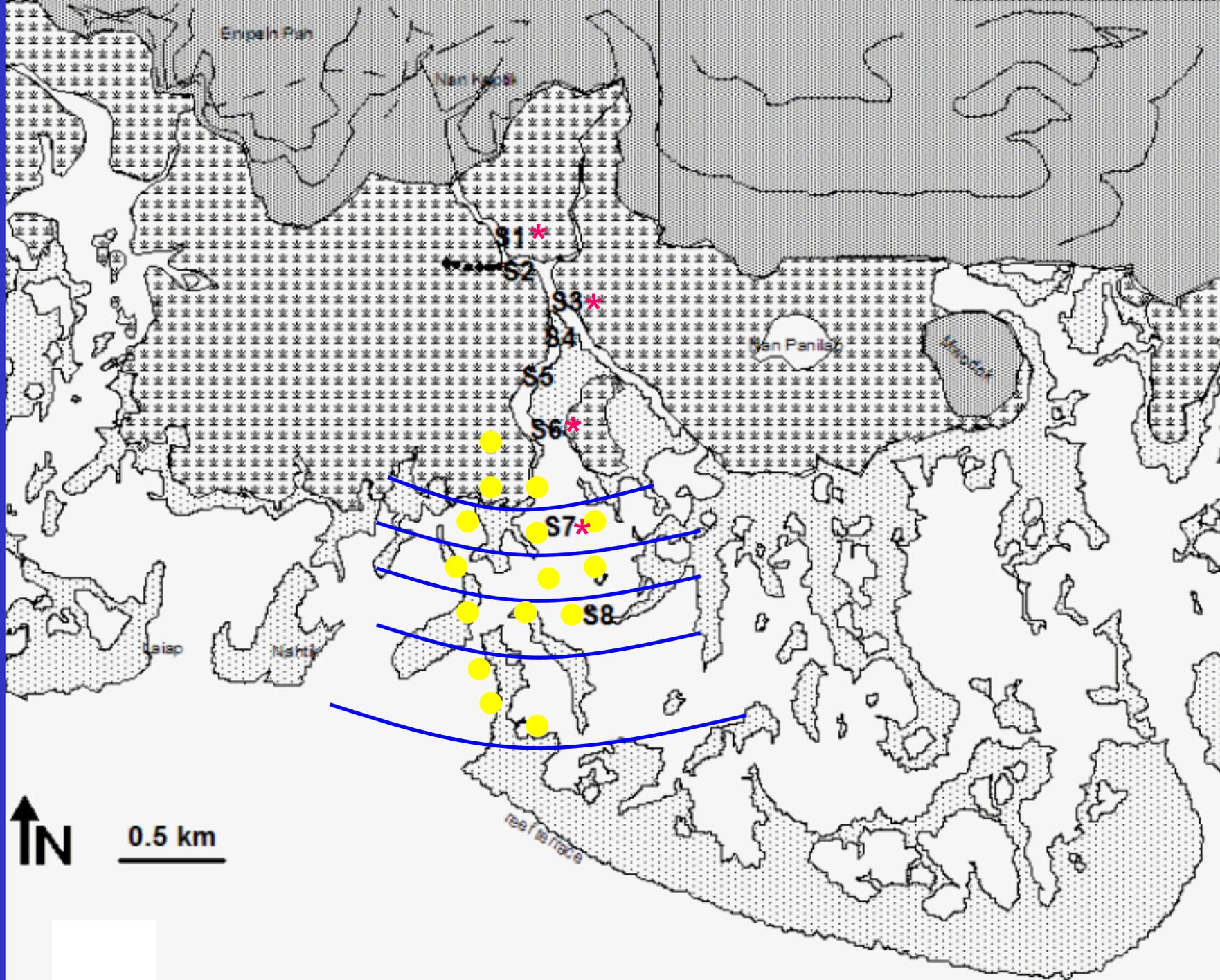
COLLABORATIVE WATERSHED MANAGEMENT IN MICRONESIA: THE EXPERIENCE IN UMATAc, GUAM



Pohnpei

Enipein Watershed





Palau Rock Islands



Ngerikill Bay, Airai State – Republic of Palau



Coral Reef Research Foundation

Meetings with Chiefs, Fishers and Stakeholders





Local and Regional Capacity



Science, Management and Policy Coordination



Education and Capacity - NSF ATE / UMEB



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Yimnang Golbuu, Steven Victor, Dr. Eric Wolanski, Gerry Davis, Willy Kostka, Dr. Mike Hamnett, Teina Rongo, Leinson Neth, The Conservation Society of Pohnpei, Palau Conservation Society, the Chiefs, Leaders and Communities of Airai Village, Palau, Umatac Village, Guam, and Enipein Village, Pohnpei

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