

# Co-management of reef fisheries: general features

Tuvalu

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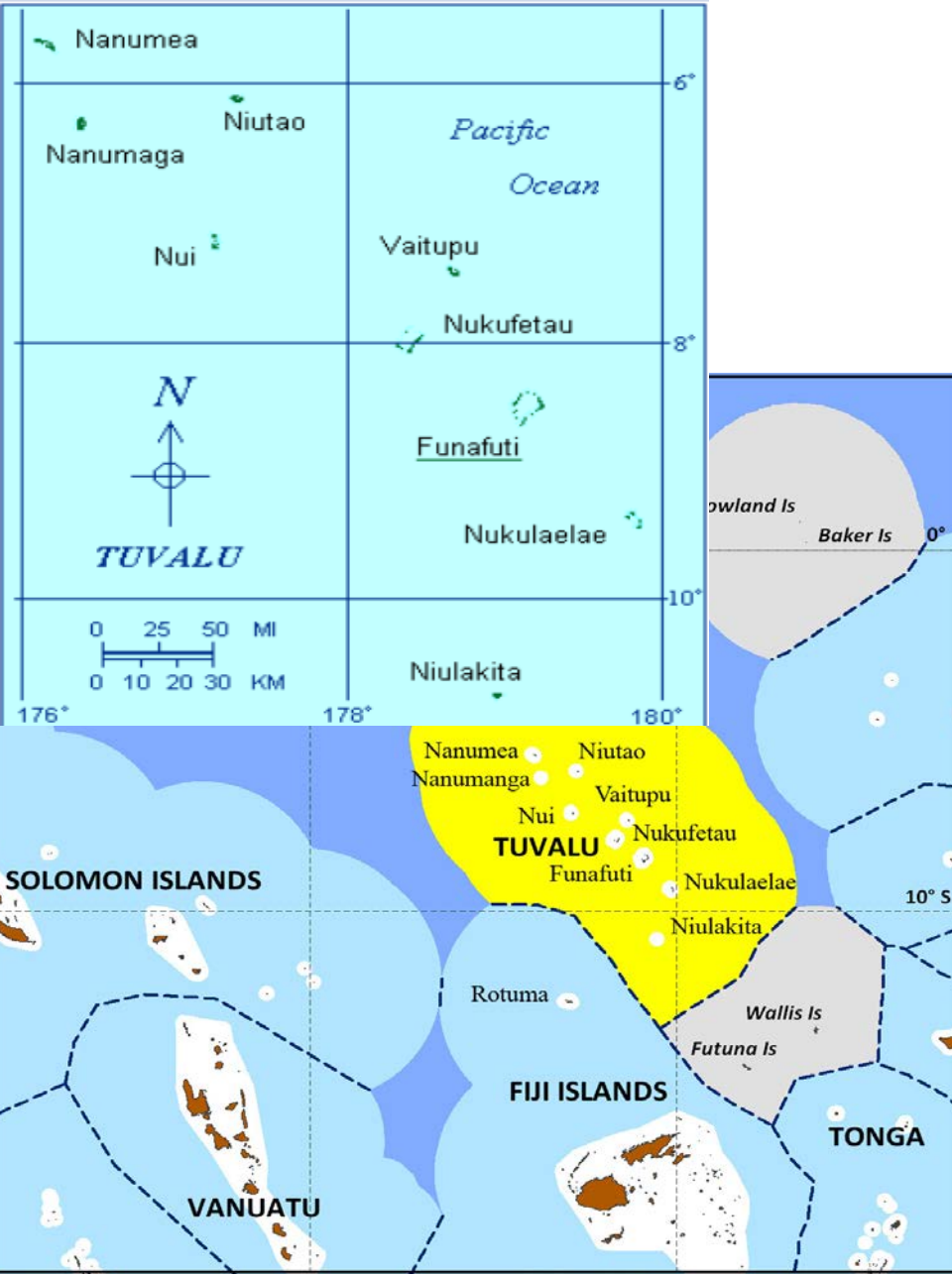


# WHERE, WHO? / OU, QUI?

70  
ANNIVERSARY



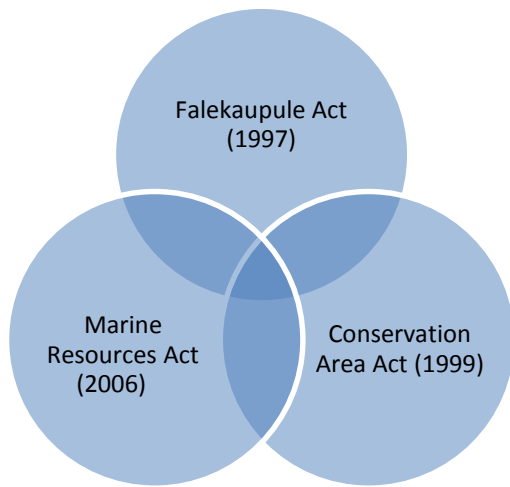
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- Population: 10782
- Land area: 26Km<sup>2</sup>
- EEZ: 900,000 Km<sup>2</sup>
- Elevation: <4m
- Language: Polynesian
- Key issue: Food security, Coastal erosion, Health, Water security
- Average national fish consumption: 142 kg/person/year
- Coral reefs in Tuvalu are estimated to have the potential to supply >850kg per person per year (Bell et al)







- *The national leading agency in the country is the Tuvalu Fisheries Department in partnership with NAPA II and Ridge to Reef project.*
- *Collaborators includes all Falekaupule, Kaupule and fishermen association of each island.*



# ISSUES AND THREATS / *ENJEUX ET MENACES*



- Overfishing
- Unclear objective on setting up LMMA or taboo areas
- No management plans
- Hidden agenda within the community for set up of taboo area
- Setting up wrong example e.g FCA
- Lack of experience and trained personnel on participatory resource management
- Poaching and unclear boundaries of taboo areas
- Uncontrolled taking of endangered species in the outer islands
- Managing non-fisheries activities and environmental problems
- Prosecution and legislation
- Poor data collection and management
- Setting up clear simple MOU for co-management with collaborators
- Lack of public participation on decision making
- Political differences at local/national level
- Communication some times is almost impossible to some sites



# TIMELINE / *HISTORIQUE*

*1978- Tuvalu became independent from Kiribati*

*1996- First MPA in Tuvalu was set up in Funafuti(Funafuti Marine Conservation Area)*

1999- Conservation Area Act & Falekaupule Act passed through parliament

2006- Nanumea and Nukufetau LMMA was set up through LMMA network assistance

2009-Management plans for Nukulaelae & Vaitupu LMMA was set up through SPC coastal programme assistance

2014-present: TFD and partners assisting all islands MMAs







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# OUTCOMES AND RESULTS *RESULTATS*



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- National Sustainable Development Plan set up and support LMMAs(TK III) 2015
- Set up of data base
- Demarcation of all LMMAs in Tuvalu
- GIS maps of all LMMAs
- Over 76 Km<sup>2</sup> of tabu area(300% of total land area)
- Island strategic plans for each island set up
- S.E and creel surveys run on each island
- NZ ,GEF, World Bank, TV government committed to support coastal program for 5 years(Corporate Plan)
- Draft MOU with each island LMMA 2017-2019



# HOW IT COULD BE DONE BETTER? *QUELLES PISTES D'AMELIORATION?*



- Regular visit to each island
- Quarterly reports provided by community officers
- Use of church leaders based on each island might be an effective way to solve conflict
- Mainstreaming of right information
- More measures to divert fishing pressure off the reef to use pelagic resources
- National annual event such as island leaders assembly(TILA) or site exchange program
- Use available resources if external support is not available
- Website, regular radio update program.
- Institutionalisation and formulation of Coordination Committee
- Gain Political support







Aliki o te fenua

Tagata faika

Fafine

Ulusina





Guide maps



Participation ,Sharing ,Fun





Present it back to the community







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A group of approximately 20 people are seated in a line of small, narrow wooden boats on a body of water. The boats are painted in various colors, including red, yellow, and white. The people are dressed in casual clothing, and some are wearing hats. The background shows a calm sea and a clear sky.

# GALUELUE FAKATAHI TATOU KI MUA!

**ONWARD TOGETHER IN PARTNERSHIP**