

# Case study - Pacific Islands

## Ecosystem-based management

Customary marine tenure

Dependency -  
economic &  
nutritional



# Pacific Islands

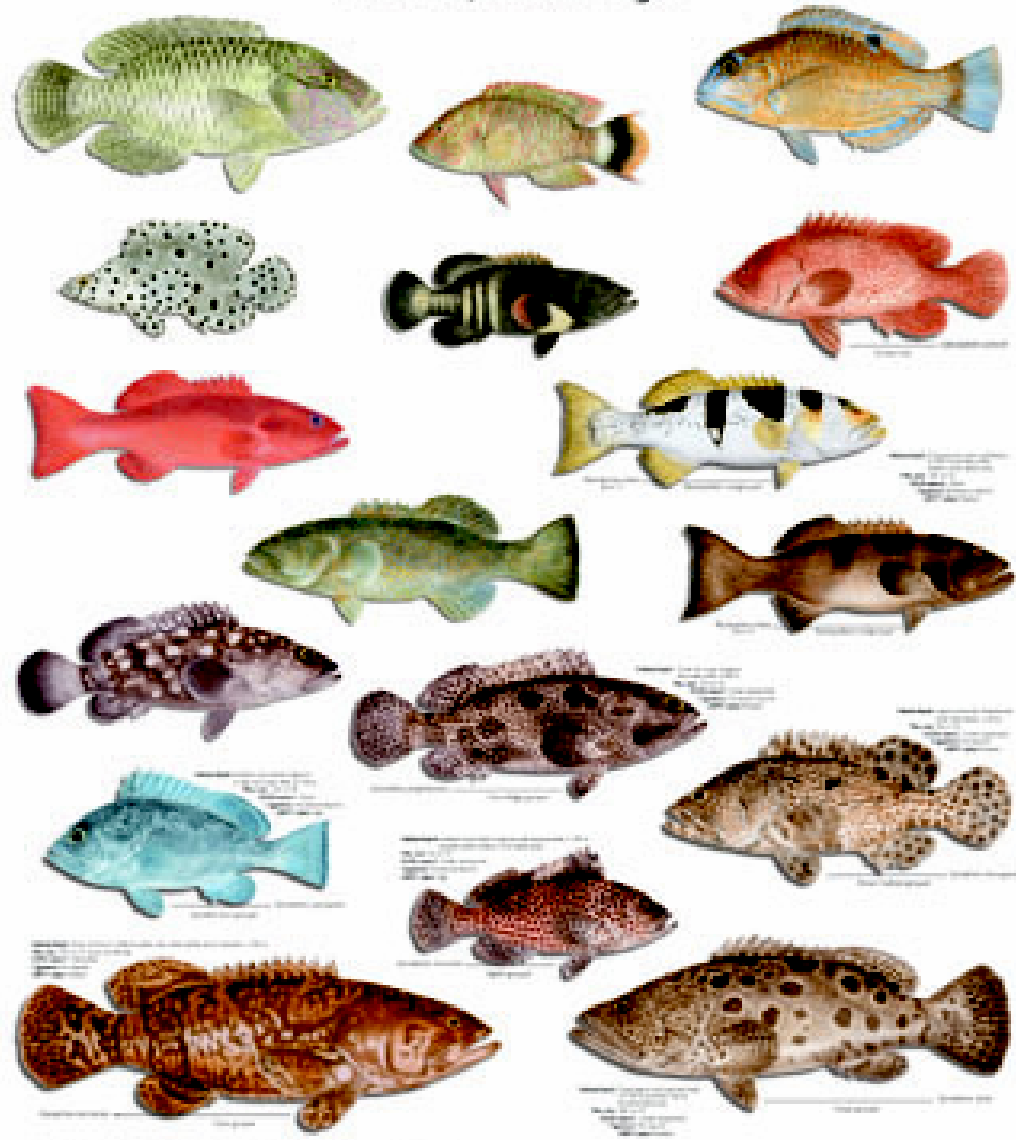
## Types of fishery

- Tuna fisheries
- Multispecies food fisheries
- Coastal export fisheries



# MAIN SPECIES TARGETED BY THE LIVE REEF FISH TRADE

## in the Pacific Islands Region



The list of species is based on the information available in the literature and is not intended to be exhaustive. The information provided in this paper is for information purposes only and should not be used as a basis for any decision-making. The information provided in this paper is for information purposes only and should not be used as a basis for any decision-making.





## The value of fisheries to Pacific Island economies

	GDP in US\$ Current market prices	Fishing contribution US\$	Fishing contribution as % GDP	Access Fees (don't count towards GDP) US\$	Total contribution of fishing US\$ head	population
Kiribati	\$48,123,871	\$5,667,741	11.78%	\$20,600,000	\$335	78,400
Solomons	\$363,932,309	\$37,692,700	10.36%	\$273,458	\$103	367,800
Samoa	\$233,506,665	\$18,656,015	7.99%	\$188,616	\$115	163,400
Marshalls	\$97,311,800	\$7,203,400	7.40%	\$4,982,600	\$223	54,700
Tonga	\$157,018,257	\$11,191,071	7.13%	\$152,041	\$116	98,200
Tuvalu	\$13,848,788	\$937,429	6.77%	\$5,900,000	\$720	9,500
FSM	\$229,869,864	\$10,806,270	4.70%	\$15,400,000	\$248	105,700
Cooks	\$82,371,930	\$2,336,473	2.84%	\$169,072	\$131	19,100
Palau	\$129,601,000	\$3,485,000	2.69%	\$800,000	\$260	16,500
Nauru	\$51,612,903	\$1,205,854	2.34%	\$3,400,000	\$439	10,500
Fiji	\$1,821,334,281	\$42,699,025	2.34%	\$212,000	\$55	774,800
Niue	\$7,514,077	\$123,782	1.65%	\$151,793	\$138	2,000
PNG	\$3,415,590,478	\$37,381,359	1.09%	\$5,840,000	\$11	4,042,400
Vanuatu	\$226,280,000	\$2,162,000	0.96%	\$218,448	\$15	164,100

## Fish nutrition

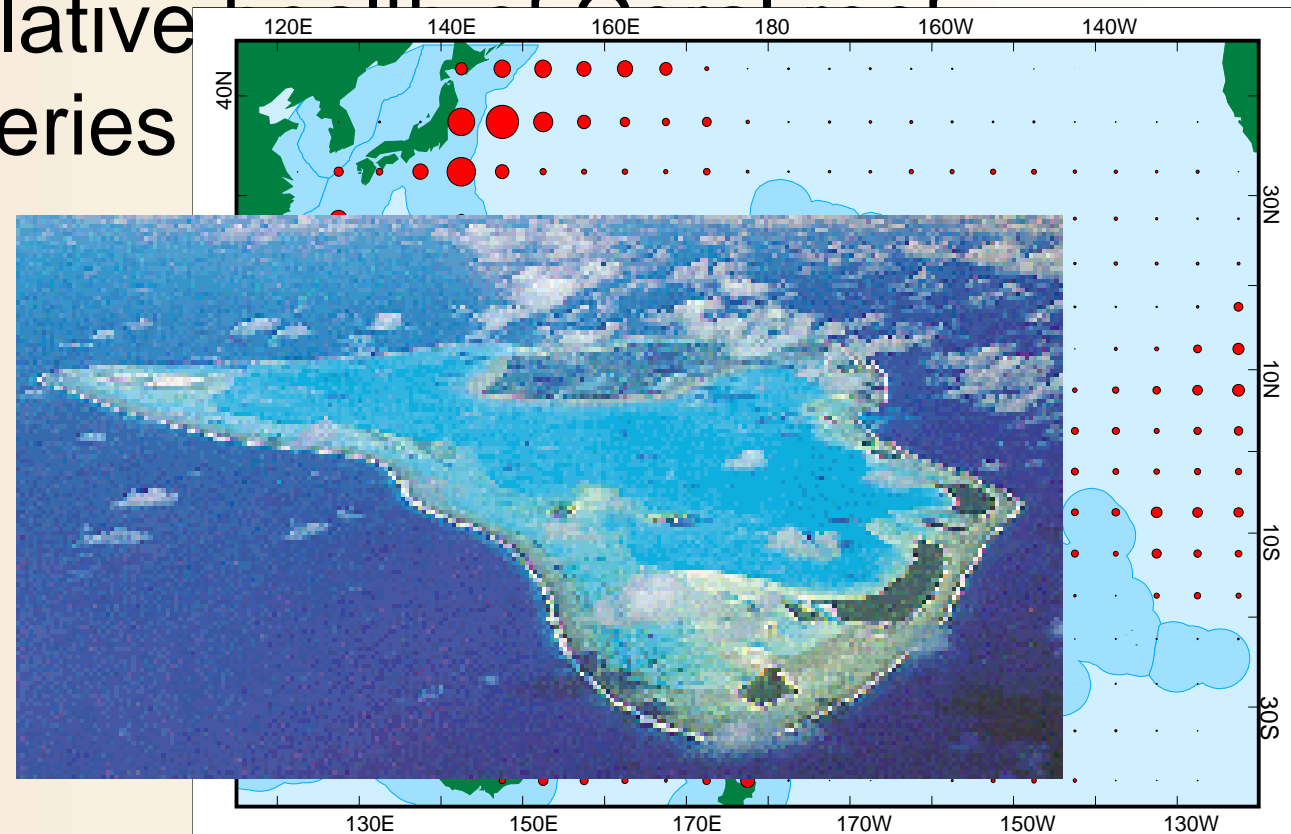
Per capita fishery product consumption (kg/yr)	
Cook Is	47 to 71
Fiji	44 to 62
FSM	72 to 114
Kiribati	72 to 207
Marshall	38.9 to 59
Nauru	46.7
Niue	49 to 118.9
Palau	84 to 135
PNG	18.2 to 24.9
Samoa	46.3 to 71
Solomon	32.2 to 32.7
Tonga	25.2 to 30
Tuvalu	85 to 146
Vanuatu	15.9 to 25.7




# Tradition of marine tenure

Contributes to ...

- Forward-looking international management of migratory species
- Relative contribution of fisheries






# Tradition of marine tenure not infallible: vulnerable to ...

- Erosion of traditional knowledge
- Economic development & entrepreneurialism





# Prospects & Challenges

In general: underlying systems are sound

- Incorporating ecosystem considerations into tuna management
- Helping islands manage the transition from subsistence to commercial fisheries





# Pacific Islands Regional Ocean Forum

Suva, Fiji, February 2004

- Organised by the Marine Sector Working Group of the Council of Regional Organisations in the Pacific
- Symposium and Workshop to prioritise action under the Pacific Islands Regional Ocean Policy
- [www.piocean.org](http://www.piocean.org)

Additional sponsors welcomed!

