

# State of the world's marine fisheries

Richard Grainger

Chief, Statistics and Information

Fisheries and Aquaculture Department

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# Ecosystem services from oceans

Shoreline protection



Building materials

Tradeable products



Food and water

Means of social interaction



Pharmaceuticals

Energy



Cultural significance

Transportation



# Major changes over last 20 years

Rising **demand** for fish & fishery products

Increase in global aquaculture **production**

Growth in world **trade** of fish & fishery products

Global call for responsible **governance**

## Fish as food

128 million tonnes

Record 18.4 kg/capita

47% from aquaculture

Main source of animal protein for 17% population

Essential for human health and brain development



## Global production

156.2 million tonnes total

Total value US\$217.5 billion

Capture : 93.5 million tonnes

- ◆ marine: 82.4 million
- ◆ inland : 11.1 million

Aquaculture : 62.7 million tonnes



## Marine capture fisheries

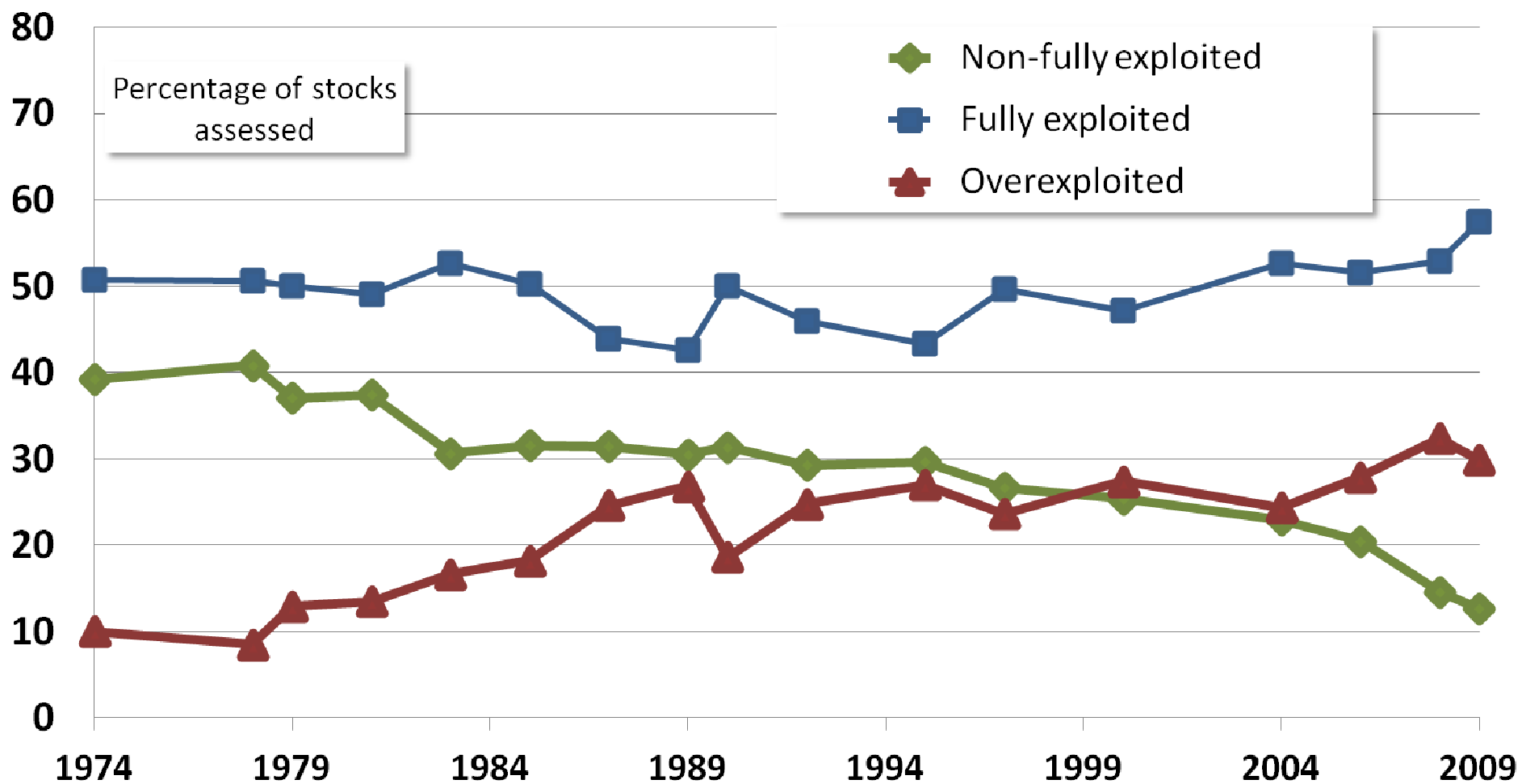
93.5 million tonnes in 2011

8.3 million from Peruvian anchoveta

Variations in catch trends



## Global trends in the state of world marine stocks since 1974



## Inland fisheries

>11 million tonnes

Catch statistics poor

Resources vulnerable  
to habitat degradation

Contribution to food & nutrition  
security underestimated





# Aquaculture

Fastest-growing food sector

62.7 million tonnes in 2011

Value US\$130 billion

China produces >60% total



## Fishers & fish farmers

Major growth in employment

Nearly 55 million –  
mostly small-scale, rural

Including secondary sector –  
over half women

10-12% world's population  
depend on fisheries



## Fishing fleets

4.3 million fishing vessels

74% in marine waters

60% powered by engines

- 86% less than 12m
- <2% industrial



# Fish trade & ecolabelling

Global trade worth  
US\$ 109 billion 2010

38% exported

Developing countries account  
for over 50% world fish exports

Growing demand for certification



## Major challenges

Coastal degradation

Overfishing

Climate change

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## Major challenges

Shifts in economies, markets,  
resources, consumer behaviour

World population growth &  
increased demand for fish

Action needed to promote  
sustainable fisheries



# Governance & policy

International instruments

Standards & guidelines

Global meetings

Broader collaboration



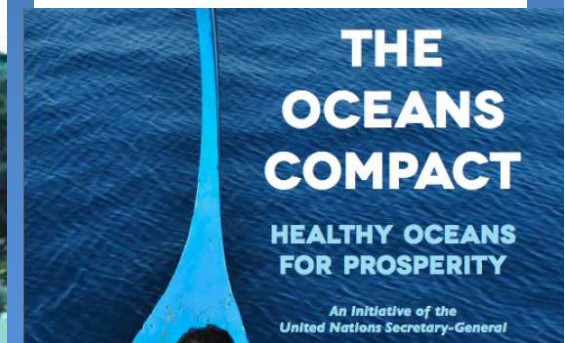
# Global initiatives

Global Partnership for Oceans

Oceans Compact

Common Oceans

Sustainable Ocean Initiative





## Opportunities

Key contribution of aquaculture

Opportunities for increased livelihood and food security

Need for responsible actions and responses





Thank you!

[Richard.Grainger@fao.org](mailto:Richard.Grainger@fao.org)