NIWA



National Institute of Water & Atmospheric Research Ltd

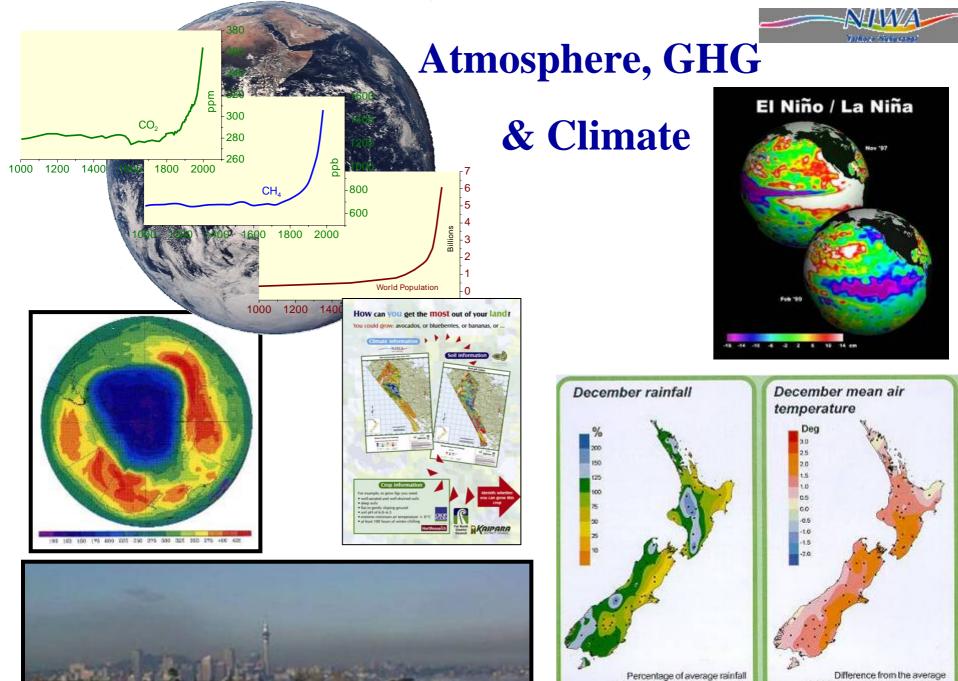


NIWA (*Taihoro Nukurangi*)

- Crown Research Institute (CRI Act) formed in 1992
- Over 650 staff
- Annual Revenue \$106 m

 (48%) FRST
 (18%) MFish
 (34%) Consultancy





Difference from the average air temperature in degrees Celsius.

(recording sites shown with dots).



Energy & Hazards















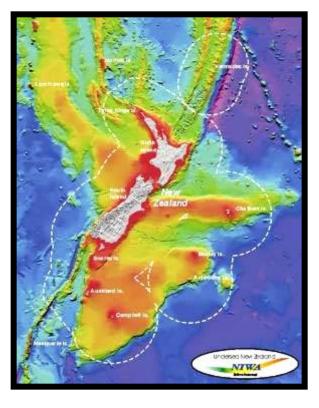
Water Resources

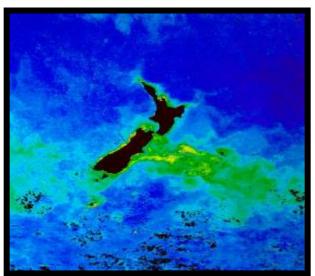












Coasts & Oceans







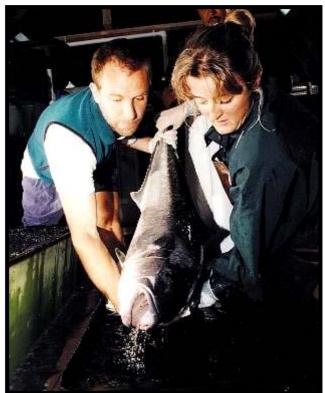






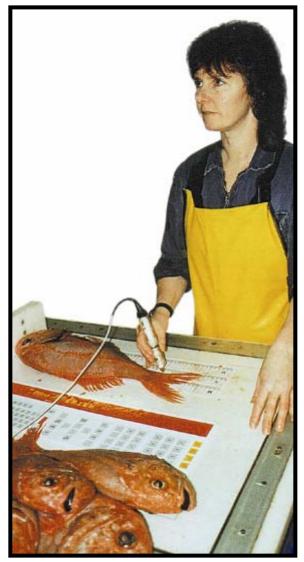








Fisheries & Aquaculture





Aquatic Biodiversity & Biosecurity

















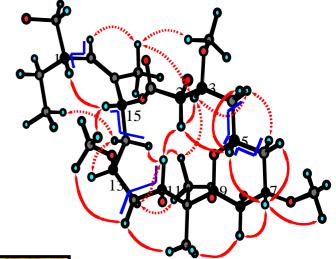








Aquatic Materials & Bioactive Products









Education & Training









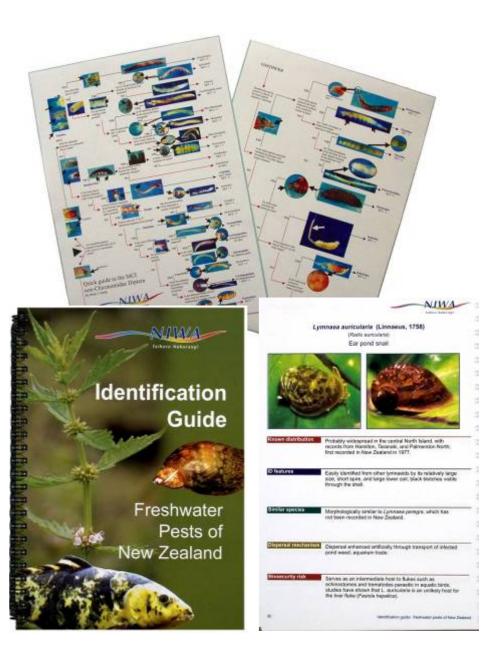
Products & Services



- National Centres:
 - Climate
 - Natural Hazards
 - Fisheries & Aquaculture
 - Climate-Energy Solutions
 - Water Resouces
 - Coasts & Oceans
 - Aquatic Biodiversity & Biosecurity

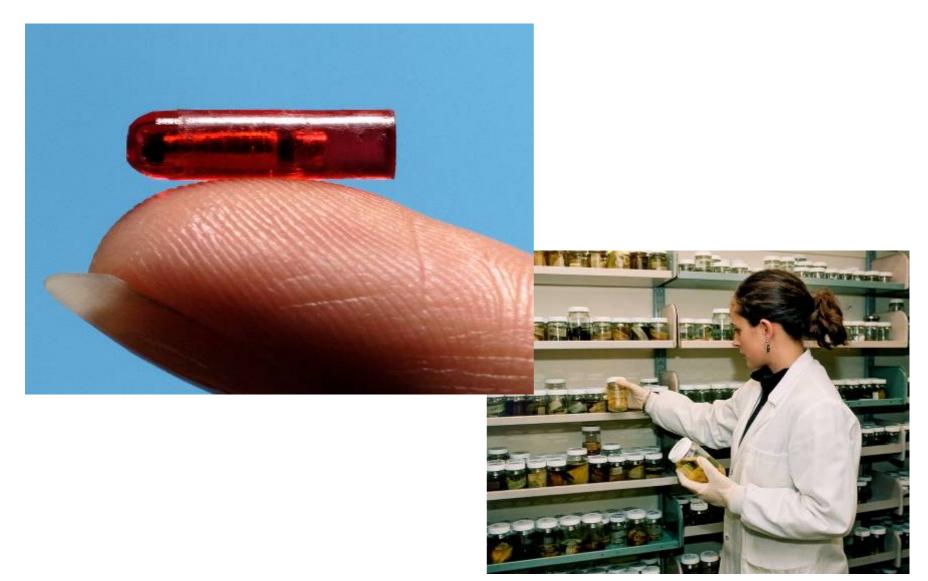








NIWA Natural Solutions



NIWA Vessel Management Ltd









NIWA Co operative agreements

Chile

•Fisheries Stock assessment

Peru

•ENSO predictions

•Deep water fisheries

CAMLR

- •Ecosystem modeling
- •Stock assessment- Tooth fish

Western Pacific Tuna Commission

Observer Status at ICES on behalf of New Zealand



Science Collaboration in North Pacific Region

Fe addition experiments

•SERIES

•SEEDS II



Proposed Interactions in South Pacific

South Pacific Regional Fisheries Management

•High Seas

•Collaborative effort for science underpinning fisheries and biodiversity



Areas Interaction and Collaboration

NIWA is interested in feedback from PICES regarding mechanisms for interaction and areas of potential collaboration