



**ANCORS**  
AUSTRALIAN NATIONAL CENTRE FOR  
OCEAN RESOURCES & SECURITY

## ANCORS Seminar

University of Wollongong



### RECENT SHIP GROUNDINGS IN INDONESIA: INTEGRATING MARITIME LAW, SALVAGE, SCIENCE & RESOURCE MANAGEMENT - LESSONS FOR THE FUTURE

Friday, 16 September 2011 · 11.00-12.00

Rm G.012, ITAMS Bldg, Innovation Campus, UOW

#### Steve Raaymakers

##### About the Presenter

Steve Raaymakers studied marine biology and natural resource management at James Cook University, Australia 1983-86. He is currently undertaking PhD studies in international maritime law and policy at the Australian national Centre for Ocean Resources & Security (ANCORS) at the University of Wollongong. Over the last 23 years Steve has worked in integrated coastal and oceans management and in the development and implementation of local, national, regional and global programmes to manage human use of coastal and marine resources, with a special focus on shipping and port activities and international maritime affairs.

He has worked with the Great Barrier Reef Marine Park Authority and the Queensland Ports Corporation in Australia and with the South Pacific Regional Environment Programme in the Pacific Islands region. In 2000 he joined the International Maritime Organization (IMO) in London, and in December 2004 completed his contract as Chief Technical Adviser in the IMO Marine Environment Division, responsible for the GEF/UNDP/IMO Global Ballast Water Management Programme (GloBallast).

Steve established EcoStrategic Consultants in January 2005, and is based in Cairns, Queensland, Australia (see [www.eco-strategic.com](http://www.eco-strategic.com))

#### About ANCORS

ANCORS has an established reputation for expertise in ocean management and law, fisheries law and policy, and maritime security, in Australia, throughout the Asia-Pacific region and farther afield. ANCORS undertakes academic research and education, and also provides professional training, research services and other assistance to policymakers and regional organisations. For more information about ANCORS, visit

[www.ancors.uow.edu.au](http://www.ancors.uow.edu.au).



#### About the Presentation

Within two weeks of each other in late December 2010 and early January 2011, two large bulk carriers struck coral reefs in Indonesia, the first off South Sulawesi and the second off East Kalimantan, both in highly-sensitive areas of rich biodiversity. Emergency response and salvage operations were mounted by the ship owners and eventually both ships were re-floated from their grounding positions, with minimal ecological damage. The response by the Indonesian Government involved the Ministry of Sea Communications (SEACOM) and the Ministry of Marine Affairs & Fisheries (MoMAF) at the national level, and Regency government agencies at the local level. The shipowner responses included engagement of environmental experts to advise on ways to minimise ecological damage, and to conduct marine resource damage assessments at both sites. In undertaking these activities the shipowners and their contractors attempted to work cooperatively with the Indonesian Government. The response to such incidents requires application of a multi-disciplinary approach, including maritime law, salvage engineering, ship operations, marine science, environmental impact assessment, natural resource management and resource economics. It also requires close cooperation between all levels of government and between government, the shipowners, the salvage operators and other parties. It also requires respect for and application of both international maritime law and national law. Both of these case studies provide real-life examples of the practice of truly integrated marine resource management, including many lessons for how Indonesia and the shipping industry might better prevent and prepare for such incidents in future.

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