



NEW ZEALAND ASSOCIATION FOR IMPACT ASSESSMENT (NZAIA)

Assessing Impacts in Coastal and Lake front Environments,
Tahuna Beach Conference Centre,
Nelson, 27th -28th November 2008

Final Programme

The natural geography of New Zealand means that no part of the country is more than about 150 km from the coast, while most of our major settlements are on coastal lowlands. A mountainous interior and ample rainfall have given us a legacy of natural lakes, supplemented by artificial lakes, especially linked to major power developments. Coasts and lake-fronts have always been natural centres of human activity, and this is perhaps even more so in contemporary New Zealand. Yet clearly these are very sensitive and complex environments, with high levels of cultural and social significance for local people. Managing future development in these areas will require careful consideration of the likely effects of those developments on environmental systems and the social, economic, cultural and environmental wellbeing of people and communities.

In this year's NZAIA conference we are bringing together a variety of invited speakers (planners, researchers, consultants, academics, etc.) to discuss case studies and practical approaches to assessing the impacts of growth on our coastal and lake-front environments, with particular emphasis on how we need to adapt our thinking and methods to achieve economic growth that safeguards these sensitive areas. The focus will be on how we assess impacts of all types, from ecological and physical, to social, cultural, and health, in ways that recognise the integrated nature of human and natural systems.

Details of the conference sessions and individual presentations are on the following two pages. For information on our keynote speaker, Prof. Nick Harvey, see the last page.

Conference registration material, and further information, can be found on the NZAIA web site at:

http://www.nzaia.org.nz/NZAIA_Conference08.htm

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NZAIA, PO Box 2581, Wellington 6140

NZAIA '08 Conference Programme

(presentation titles subject to change)

Thursday 27 November		
8.45 am	Registration	
9.20 am	Formal opening.	
9.30 am	Keynote Presentation	
	Nick Harvey (University of Adelaide)	<i>International perspectives on coastal and lakefront environmental management issues</i>
10.30 am	<i>Break</i>	
11.00 am	1. Impacts of coastal and lakefront development: national and regional perspectives.	
	James Newell (MERA)	<i>"Sea change" - population drivers of coastal/lakefront development, recent trends, future prospects</i>
	Mike Burrell (Aquaculture New Zealand)	<i>Future development of aquaculture in New Zealand: a strategic response to environmental issues.</i>
	Hamish Rennie (Lincoln University)	<i>Strategic responses to coastal/lakefront impacts: methods and future challenges.</i>
	<i>Discussion</i>	
12.30 pm	<i>Lunch</i>	
1.30 pm	2. Impacts of land-based resource development on marine and lacustrine environments	
	Dorothy-Jean McCoubrey (Dorothy-Jean & Associates)	<i>Impacts of land based activities on coastal water quality, ecology, and health.</i>
	t.b.c.	<i>Cultural perspectives</i>
	Ben Knight (Cawthron)	<i>Modelling catchment indicators in the coastal domain</i>
	<i>Discussion</i>	
3.00 pm	<i>Break</i>	
3.30 pm	3. Impacts of land development in coastal and lakefront locations	
	Claire Freeman (University of Otago)	<i>Social, community, and health implications of land development in coastal and lakefront locations</i>
	Derek Todd (Univ. Canterbury)	<i>Coastal hazard protection: options and impacts</i>
	Rob Greenaway (Rob Greenaway and Assoc.)	<i>Impacts on, and of, recreational activities in coastal and lake-front environments</i>
5.00 pm	Posters	
	Case studies, techniques, research (all aspects IA). Section for student posters, plus prize.	
5.30 pm	NZAIA AGM	
7.00 pm	Conference Dinner.	

Friday 28 November		
9.00 am	4. Marine/lake based resource development	
	James Baines (Taylor Baines)	<i>Assessing the impacts of aquaculture on boaties</i>
	Stacey Faire (Ministry for the Environment)	<i>Assessing the impact of physical structures (energy projects etc.) on marine and lake based environments</i>
	Sue McManaway (BoffaMiskell)	<i>Visual impacts of marine and lake-based resource development</i>
	<i>Discussion</i>	
10.30 am	<i>Break</i>	
11.00 am	5. Consultation and community partnerships	
	Greg Jenks (Wildland Consultants)	<i>Empowering and involving communities to make a difference</i>
	Geoff Rowling (NZ Recreational Fishing Council)	<i>Marine resources allocation & management, an amateur fishers' view</i>
	Lucy Brake & Sarah Gray (Beca)	<i>Public participation and the New Plymouth Coastal Strategy</i>
	<i>Discussion</i>	
12.30 pm	<i>Lunch</i>	
1.30 pm	6. Monitoring	
	Chris Batstone (Cawthron)	<i>Creating & mapping indicators of economic value to monitor risk from bio-invasion in the NZ Exclusive Economic Zone</i>
	Jon Jarman (NDHB)	<i>By Maori for Maori: new approaches to monitoring marine resources.</i>
	<i>Discussion</i>	
2.30 pm	<i>Break....and start of open space session</i>	
	Indaba (Open space discussion)	
	2-3 topics identified by participants during the conference	
4.00 pm	Indaba reporting back and discussion	
4.30 pm	Nick Harvey and others	<i>Conference synthesis:</i>
5.00 pm	Conference Close	

Keynote speaker : Professor Nick Harvey
Overview of coastal and lakefront environmental management issues

Professor Nick Harvey is the Executive Dean of the Faculty of Humanities and Social Sciences at the University of Adelaide. Nick is one of the five Australian lead authors on the Australia and New Zealand Chapter of the IPCC, Working Group II report on climate change impacts and vulnerability and he is the only IPCC lead author from South Australia. Last year the IPCC won the Nobel Peace Prize jointly with Al Gore. Nick has experience working for the South Australian Government (1984-1991), has planning qualifications and won a medal in 1994 from the then Royal Australian Planning Institute for his research on the role of environmental impact assessment in planning. He has served on the South Australian Coast Protection Board, the Major Developments Panel and is currently on the Executive Steering Committee for the next State of the Environment Report for South Australia.

Nick has had a long involvement with scientific global change research. He was Vice-Chair of the international scientific steering committee for LOICZ (Land-Ocean Interactions in the Coastal Zone) from 1997-2002 which is the peak body examining the effect of global change on the world's coastlines. Nick was one of the authors on the LOICZ book *Coastal Fluxes in the Anthropocene*. He is currently Chair of the international START-Oceania committee dealing with global change research and training. He has written over 150 scientific papers and books including his latest book *Global Change and Integrated Coastal Management in the Asia-Pacific Region*, published by Springer in 2006. He also has expertise in coastal management and co-authored a book on *Coastal Management in Australia* (Oxford University Press). He is currently on the Australian Government Advisory Committee on Coastal Vulnerability.

Prof. Richard Morgan (Chair of the organizing group)
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13th Nov. 2008