



Delta Alliance Electronic Board Room Session

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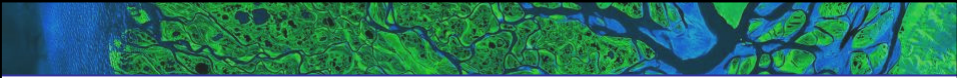


Why an International Delta Alliance?



- **Deltas face unique and serious challenges, they are under pressure by demographic and economic developments and will suffer the most from climate change; adaptation must happen rapidly to avoid major negative impacts on economy, environment and people.**
- **Many deltas experience similar problems, but information and expertise are fragmented.**
- **River deltas speaking with a united voice can receive more attention and support.**
- **Delta Alliance: an international network that will coordinate and stimulate efforts to develop, share, and implement knowledge and ideas for improving the resilience of river deltas**

Working together, river deltas will learn and develop more quickly.



The International Delta Alliance Network



Developing and Sharing Knowledge

<p><u>Across Deltas (Wings)</u></p> <ul style="list-style-type: none"> - The Netherlands - California Bay - Indonesia - Vietnam - Bangladesh - China ... 	<p><u>Across Disciplines</u></p> <ul style="list-style-type: none"> - spatial planning - ecology - political science - demographics - civil engineering - hydrogeology ... 	<p><u>Across Sectors</u></p> <ul style="list-style-type: none"> - policy makers - research and education - companies - non-governmental organizations - intergovernmental organizations ...
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Through:

<p><u>Online Information</u></p> <ul style="list-style-type: none"> Delta Overviews People and organizations Projects and research Events 	<p><u>Collaborative Projects</u></p> <ul style="list-style-type: none"> Inter-delta and Inter-disciplinary Identifying and mobilizing funding <p><u>Design Competition</u></p> <ul style="list-style-type: none"> With several partners 	<p><u>Formal Network</u></p> <ul style="list-style-type: none"> Multi-sector Multi-disciplinary <p><u>Young Professionals</u></p> <ul style="list-style-type: none"> Joint reporting
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Comparative overview of deltas towards more resilient and sustainable deltas





- follow-up to earlier overviews on delta development, management and governance (a.o. Aquaterra 2009 research)
- basis for the development of **score cards** to **compare current and future states** of deltas responding to changing conditions
- lessons learned, research gaps, opportunities for knowledge exchange and collaboration
 - Rhine-Meuse (the Netherlands)
 - Mekong (Vietnam)
 - Ciliwung (Indonesia)
 - California Bay (USA),
 - Mississippi (USA)
 - Bangladesh (Ganges-Brahmaputra)
 - China (Yangtze river)

Potential for collaboration across Deltas



Delta	Delta issues					
	Occupation Layer		Network Layer	Base Layer		
	pressure on space	flood vulnerability	ageing or inadequate infrastructure	freshwater shortage	coastal erosion	loss of environmental quality and biodiversity
Yangtze Delta (China)	****	**	**	***	**	****
Mekong Delta (Vietnam)	**	****	**	****	.	***
Ganges-Brahmaputra Delta (Bangladesh)	****	****	**	**	****	****
Ciliwung Delta (Indonesia)	****	****	**	**	.	****
Nile Delta (Egypt)	****	.	****	****	**	**
Rhine-Meuse Delta (The Netherlands)	***	**	***	**	**	.
Mississippi Delta (USA)	.	****	****	.	****	****
California Bay	**	****	***	****	.	***

- *relatively minor problem, now and in the near future*
- ** *currently a minor problem, but is likely to increase in the near future*
- *** *currently already a big problem, future trend uncertain*
- **** *currently already a big problem, likely to increase in the near future*

Aquaterra 2009, Deltares

Objectives of this session



- Exchange of knowledge on delta issues
- Stimulate ideas for collaborative (research) projects



Brief overview of 7 major deltas worldwide
 delta issues, research gaps, needs for knowledge exchange

Across all deltas: identify and prioritize delta issues, research gaps and opportunities for collaboration
 by interactive 'Electronic Board Room' session



Program of session



14.00 Welcome and short introduction of Delta Alliance

Part 1 - Brief presentations of 7 Deltas

- 14.10 **Rhine-Meuse Delta** by Dutch Wing coordinator Cees vd Guchte
- 14.20 **Ganges-Brahmaputra Delta** by Asif Mohammad Zaman
- 14.30 **Mekong Delta** by Vietnamese Wing Coordinator Le Quang Minh
- 14.40 **California Bay** by California Wing coordinator Peter Wijsman
- 14.50 **Ciliwung Delta** by Indonesian Wing Coordinator Jan Sopaheluwakan
- 15.00 **Mississippi Delta** by Anthony Fontenot
- 15.10 **Yangtze Delta** by Wenwei Ren

Part 2 – Interactive ‘Electronic Board Room’ session on Delta issues

- 15.30 Introduction and start
- 16.30 Wrap-up and discussion
- 17.00 End of session