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REDESIGNING DELTAS

16 – 18.06.22

International Delta
Conference

*Design for
transformative change:
evidence, agency,
cross-disciplinary knowledge*

Hosted by:

TU Delft
Convergence Alliance – Resilient Delta
Deltares
The City of Rotterdam
The Delta Alliance
IHE Delft
Wageningen University & Research
the Delta Commissioner
PBL Netherlands Environmental
Assessment Agency

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International Delta Conference Redesigning Deltas

*Design for transformative change:
evidence, agency, cross-disciplinary knowledge*

We are at crossroads. Our deltas face unprecedented stressors, such as an ever-increasing sea level threat, a major task to renew aging infrastructure, and disruptive transitions. We need to radically change our current delta practice in the Netherlands and beyond. There is still too much emphasis on short-term interventions, while it is more important than ever to collectively build long-term pathways to sustainable and inclusive deltas. Interactions between design, critical design thinking, and cross-disciplinary studies offer an approach for questioning, understanding and changing socio-ecological relations shaping delta futures.

The conference program will address the current status and future challenges of our deltas, centered on design and design-based approaches to jointly identify these pathways. Convergence Alliance-Resilient Delta, The City of Rotterdam, TU Delft, Deltares, IHE Delft, The Delta Alliance, Wageningen University & Research, the Delta commissioner, and the PBL Netherlands Environmental Assessment Agency will co-host the conference.

We are a community of academia, practitioners and policy makers from across the world building this new approach during the Redesigning Deltas International Conference. This conference is a unique opportunity to inspire change, we hope to co-create these new design-based pathways together. On behalf of the Redesigning Deltas team and co-hosting partners, we welcome you on the 16th-18th of June.

Sponsored by:



Supported by:



Delta Alliance

Thursday	16.06	DAY 1: SETTING THE STAGE Redesigning Deltas (RDD), Convergence Alliance Resilient Delta Venue: Kunsthal Rotterdam / online <i>[livestreaming]</i>
09:00 – 09:05		Opening Session: Chris Zevenbergen, RDD (TU Delft / IHE Delft)
09:05 – 09:15		Keynotes: Setting the Stage Mark Harbers, Minister of Infrastructure and Water Management
09:15 – 09:25		Peter Glas, Delta Programme Commissioner
09:25 – 09:35		Arnoud Molenaar, Chief Resilience Officer at the City of Rotterdam
09:35 – 09:45		HE M Riaz Hamidullah, Ambassador of Bangladesh to The Netherlands
09:45 – 10:15		Coffee Break -
10:15 – 10:30		Keynotes: Pathways to Sustainable and Inclusive Urbanizing Deltas Annemieke Nijhof, Managing Director of Deltares
10:30 – 10:45		Hans Mommaas, Director-General of PBL Netherlands Environmental Assessment Agency
10:45 – 11:00		Saleemul Huq, Director of the International Centre for Climate Change & Development based in Bangladesh
11:00 – 11:15		Peter Odhengo, Director GKIT, Climate policy advisor at the National Treasury Kenya / coordinator Delta Alliance Kenya Wing
11:15 – 11:30		Anthony Akpan, President at Pan African Vision for the Environment (PAVE), Nigeria / coordinator Delta Alliance Nigeria Wing
11:40 – 12:30		High Level Roundtable I Session Moderator: Kim van Nieuwaal, Director of the Delta Alliance Arjan van Timmeren, Director Resilient Delta, Convergence Alliance / TU Delft Jannemarie de Jonge, Rijksadviseur voor de Fysieke Leefomgeving Annemieke Nijhof, Managing Director of Deltares Hans Mommaas, Director-General of PBL Netherlands Environmental Assessment Agency Saleemul Huq, Director of the International Centre for Climate Change & Development based in Bangladesh / Independent University, Bangladesh. Peter Odhengo, Director GKIT, Climate Policy Advisor at the National Treasury Kenya Anthony Akpan, President at Pan African Vision for the Environment (PAVE), Nigeria Chau Nguyen Xuan Quang, Center for Water Management & Climate Change (WACC), Vietnam National University / coordinator Delta Alliance Vietnam Mekong Wing Gijs van den Boomen, Director Urban Design, Landscape Architec- ture and Architecture, KuiperCompanons

Thursday	16.06	DAY 1: SETTING THE STAGE Redesigning Deltas (RDD), Convergence Alliance Resilient Delta Venue: Kunsthal Rotterdam
12:30 – 13:30		Lunch Break, Kunsthal
13:40 – 15:30		Perspectives from Science I Session Moderators: Fransje Hooimeijer, TU Delft and Ellen Tromp, Deltares
13:40 – 13:55		Han Meyer, Deltastad / Em.Prof. TU Delft (<i>delta urbanism</i>)
13:55 – 14:10		Marjolijn Haasnoot, Deltares / Utrecht University [<i>adaptive delta management and planning, climate change adaptation</i>]
14:10 – 14:25		Arwin van Buuren, Erasmus University Rotterdam (<i>public administration</i>)
14:25 – 14:40		Bas Jonkman, TU Delft (<i>integral hydraulic engineering</i>)
14:40 – 14:55		Tim Lenton, University of Exeter (<i>tipping points</i>)—online
15:00 – 15:30		Discussion
15:30 – 16:00		Coffee Break
16:00 – 17:35		Perspectives from Science II Session Moderators: Taneha Kuzniecowa Bacchin, TU Delft and Nikki Brand, TU Delft / Resilient Delta Convergence Alliance
16:00 – 16:15		Derk Loorbach, Erasmus University of Rotterdam, DRIFT Dutch Research Institute for Transitions (<i>transitions and transition management</i>)
16:15 – 16:30		Frank van Oort, Erasmus University Rotterdam (<i>urban and regional economics</i>)
16:30 – 16:45		Tim van Hattum, Program Leader Green Climate Solutions Environmental Sciences Group, Wageningen University & Research (A Nature-based future for The Netherlands in 2120) (<i>environmental sciences</i>)
16:45 – 17:00		Paola Vigano, EPFL Laboratory of Urbanism / IUAV University of Venice / studiopaolavigano (<i>urbanism—urban and territorial design</i>)
17:05 – 17:35		Discussion
17:35 – 17:45		Closing Remarks by Chris Zevenbergen
18:00 – 18:30		Drinks / End Day 1

Friday	17.06	DAY 2: DELTA DESIGN—INTERNATIONAL EXCHANGE Venue: Faculty of Architecture and the Built Environment, TU Delft
09:00 – 12:30		Morning: Plenary Session Keynotes: Delta Project: Precedent-Unprecedented Conditions Location: TUD BK- Berlagezaal 1 & 2 / online [livestreaming]
09:00 – 09:15		Opening Session: Dick van Gameren, Dean of the Faculty of Architecture and the Built Environment, TU Delft
09:15 – 09:20		Introduction to the Programme: Taneha K. Bacchin, TU Delft, Section of Urban Design/ Delta Urbanism Session Moderators: Taneha K. Bacchin, Fransje Hooimeijer Session Respondent: Dirk Sijmons, H+N+S Landscape Architects
		Part I: Design, Agency
09:20 – 09:45		Charles Waldheim, Harvard University Graduate School of Design
09:45 – 10:10		Adriaan Geuze, West 8 / TUDelft, Section of Landscape Architecture
10:10 – 10:30		Discussion
10:30 – 10:45		Coffee Break
		Part II: Critic, Representation
10:45 – 11:10		Elise Misao Hunchuck, Royal College of Art, London / Graduate School of Architecture, Planning and Preservation, Columbia University
11:10 – 11:35		Bas Princen, Artist and Photographer
11:35 – 12:00		Saskia van Stein, Director International Architecture Biennale Rotterdam (IABR) / Design Academy Eindhoven
12:00 – 12:30		Discussion
12:30 – 13:30		Lunch
13:00 – 13:30	<i>parallel event</i>	Exhibition Opening: Atlases across Dutch delta practices in the Vietnam Mekong Delta from 1973 to 2022 Curated by Sylvie Nguyen Tram, EPFL Habitat Research Centre Location: TUD BK- BG west 510
	<i>parallel event</i>	Exhibition: Inland, Seaward: Accumulation—Clearance. Curated by Transitional Territories Studio—Delta Urbanism End-of-the-Year Exhibition Location: TUD BK- Zuidserre (Medaillon)
13:30 – 16:15		Afternoon: Parallel Sessions Cross-Boundaries Exchange I: 9 Deltaic Landscapes
13:30-14:45		Session 1: Current Challenges—Ways Forward Room 1—Coast North Sea South-West Delta, Netherlands Chairs: Carola Hein, TU Delft / UNESCO Chair Water, Ports and Historic Cities Martine Rutten, TU Delft—Delta Futures Lab Location: TUD BK- Berlagezaal 2 / online [livestreaming]

Friday 17.06

13:30 – 14:45

Room 2—River/Transport

[Tana River Delta, Kenya](#)
[Parana Delta, Argentina](#)

Chairs:

Peter Odhengo, Director at Greening Kenya Initiative Trust, Director GKIT / Climate Finance Policy advisor at the National treasury-Kenya / coordinator Delta Alliance Kenya Wing

Verónica M.E. Zagare, TU Delft / Delta Alliance International Argentina
Diego Sepulveda Carmona, TU Delft

Location: TUD BK- BG oost 620 / online [livestreaming]

Room 3—Urban/Rural

[Pearl River Delta, China](#)
[Mekong Delta, Vietnam](#)

Chairs:

Steffen Nijhuis, TU Delft—Department of Urbanism, TU Delft
Yimin Sun, South China University of Technology, Guangzhou (SCUT)
Chau Nguyen Xuan Quang, Center for Water Management & Climate Change (WACC), Vietnam National University / coordinator Delta Alliance Vietnam Mekong Wing

Location: TUD BK- 01 west 060 / online [livestreaming]

Room 4—(After)Nature

[Niger Delta, Nigeria](#)
[Ganges-Brahmaputra Delta, Bangladesh](#)

Chairs:

Anthony Akpan, President at Pan African Vision for the Environment (PAVE) / coordinator Delta Alliance Nigeria Wing
Md. Sohel Masud, Director Water Resources Planning Division IWM
Anne Loes Nillesen, defacto architecture and urbanism

Location: TUD BK- BG west 640 / online [livestreaming]

Room 5—Energy

[Po Delta, Italy](#)
[Houston-Galveston Bay Region, USA](#)

Chairs:

Maria Chiara Tosi, Università IUAV di Venezia—Director School of Doctorate Studies

Baukje Kothuis, Chief Representative NBSO Texas / TU Delft
Priya Zachariah AICP, Chief Resilience and Sustainability Officer City of Houston

Yoonjeong Lee, Research Scientist Institute for a Disaster Resilient Texas (IDRT)

Location: TUD BK- BG+ oost 160 / online [livestreaming]

14:45 – 15:00

Coffee Break

[Afternoon: Parallel Sessions](#)

[Cross-Boundaries Exchange II: Research-by-Design](#)

15:00 – 16:15

Session 2: State of the Art—Frontier Research Dialogue
Invited International Research Projects /

RDD Design Study: 5 Interdisciplinary Teams [Urban Design—Landscape Architecture—Engineering Offices]

Room 1—Coast

[North Sea](#)
[South-West Delta, Netherlands](#)

Reflection: RDD Design Study 'Zeeland Zuidwestelijke delta'

Studio Hartzema, Henk Hartzema
Feddes-Olthof, Yoran van Boheemen
Witteveen & Bos, Herman Mondeel

Location: TUD BK- Berlagezaal 2 / online [livestreaming]

Friday 17.06

15:00 – 16:15

Room 2—River/Transport

[Tana River Delta, Kenya](#)

[Parana Delta, Argentina](#)

Reflection: RDD Design Study 'The rivers Waal transport corridor'

FABRICations, Erik Frijters

BoschSlabbers, Stijn Koole

Tauw, Arjen van der Linde

Location: TUD BK- BG oost 620 / online [livestreaming]

Room 3—Urban/Rural

[Pearl River Delta, China](#)

[Mekong Delta, Vietnam](#)

Reflection: RDD Design Study 'The low west, urbanised polders Rotterdam'

ZUS [Zones Urbaines Sensibles], Kristian Koreman

Flux, Gerwin de Vries

Sweco, Alex Hekman

Location: TUD BK- 01 west 060 / online [livestreaming]

Room 4—(After)Nature

[Niger Delta, Nigeria](#)

[Ganges-Brahmaputra Delta, Bangladesh](#)

Reflection: RDD Design Study 'The high east Limburg / Valkenburg'

Defacto, Anneloes Nillissen

Vista, Rik de Visser

Arcadis, Marco Veendorp

Location: TUD BK- BG west 640 / online [livestreaming]

Room 5—Energy

[Po Delta, Italy](#)

[Houston-Galveston Bay Region, USA](#)

Reflection: RDD Design Study 'Seaside Rotterdam + Port'

Urbanisten, Florian Boer

Lola, Eric-Jan Pleijster

Royal Haskoning DHV, Nanco Dolman

Location: TUD BK- BG+ oost 160 / online [livestreaming]

16:15 – 16:45

Change of Location: TUD Campus Walking to Green Village

CLOSING SESSION

Venue: Green Village TU Delft: Co-Creation Centre

16:45 – 17:15

[Closing: Plenary Session](#)

[Delta Project: \(trans\)formations—translations](#)

[precedent-unprecedented conditions.](#)

[Exhibition Opening and Reports from Parallel Sessions /](#)

[Analysis of findings](#)

Session Moderator:

Eric Luiten, Professor Landscape Architecture and Planning, TU Delft

17:45 – 18:00

Towards an outline of a joint program

Chris Zevenbergen, TU Delft Delta Urbanism—RDD / IHE Delft

18:00 – 18:30

Drinks / End Day 2

Saturday 18.06

DAY 3: FIELD TRIP

10:00 – 16:00

Guided site visits to Rotterdam—Dordrecht—Nijmegen
(Room for the River Project)

Departure: Delft, Faculty of Architecture and the Built Environment

Organisation

The conference is organised by the Delta Urbanism Interdisciplinary Research Programme—Redesigning Deltas, Delft University of Technology with Convergence Alliance-Resilient Delta.

Co-hosted by:

The City of Rotterdam

Deltares

IHE Delft

The Delta Alliance

Wageningen University & Research

The Delta commissioner

PBL Netherlands Environmental Assessment Agency

Organisation committee:

Chris Zevenbergen, TU Delft/ IHE Delft (Chair)

Taneha Kuzniecowa Bacchin, TU Delft A+BE (Lead Organiser)

Arjan van Timmeren, TU Delft/ Convergence Alliance-Resilient Delta

Kim van Nieuwaal, Delta Alliance

Nikki Brand, TU Delft/ Convergence Alliance-Resilient Delta

Ellen Tromp, Deltares

Fransje Hooimeijer, TU Delft A+BE

Geneviève Girard, TU Delft Strategy Development

Francesca Rizzetto, TU Delft A+BE

Luca Iorio, TU Delft A+BE

Technical Committee:

Sigwela Augustin, TU Delft A+BE

Rianne Reijnders, TU Delft A+BE

RDD Scientific committee:

Chris Zevenbergen, TU Delft/ IHE Delft

Bas Jonkman, TU Delft CEG

Eric Luiten, TU Delft A+BE

Thijs Asselberg, TU Delft A+BE

Marcel Hertogh, TU Delft CEG

Neelke Doorn, TU Delft TPM

Geert Teisman, Erasmus University Rotterdam

Frank van Oort, Erasmus University Rotterdam

Petra Hellegers, Wageningen University & Research

Bart van den Hurk, Deltares

Ellen Tromp, Deltares

Taneha Kuzniecowa Bacchin, TU Delft A+BE

Fransje Hooimeijer, TU Delft A+BE

Nikki Brand, TU Delft / Convergence Alliance-Resilient Delta

Contact

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Attendance

This conference brings together researchers, practitioners, and policy makers to discuss the necessary change of paradigm for the understanding, conceptualisation, design and planning of deltaic landscapes futures. The agenda combines presentations of leading scientists, designers, and policy makers, and academic research with practical examples from different deltas internationally, alongside a design exhibition with theme 'Delta Project: (trans)formations—translations'. Every session will allow for open discussion with all participants and session breaks will provide room to exchange bilaterally with the speakers and other participants. The event will be in-person respecting all COVID-19-related health guidelines by the Dutch authorities. For those unable to join in person, live streaming and online participation of the event will be available upon registration. The main event language will be English.

Venue, travel & costs

The event will take place on 16 June at the Kunsthal Rotterdam, Museumpark, Westzeedijk 341, 3015 AA Rotterdam, Netherlands, and on the 17 June at the Faculty of Architecture and the Built Environment, Delft University of Technology, Julianalaan 134, 2628 BL Delft, Netherlands.

To enter the Netherlands from any country, please consult the official page of the Dutch Ministry of Health, containing detailed information about the most updated procedure to follow in relation to COVID-19, travelling from abroad.

There is no participation fee.
Food and beverages are provided during the conference.

Registration

In person attendance of the conference at the Kunsthal and TU Delft venues are by invitation only.

A public online livestream is available without invitation. If you would like to receive the livestream link, please register here: <https://www.aanmelder.nl/rdd-conference/subscribe>

For additional information please visit: [Delta Urbanism / RDD International Conference website](#)

Please note that if you choose to register you comply with the General Data Protection Regulation (GDPR).

