



2nd Asian Irrigation Forum Securing Water and Food for the Future

20–22 January 2016 • Asian Development Bank, Manila, Philippines

PROGRAM



The Australian Water Partnership
Water partners for development



Day1, Wednesday, 20 January

08:00 Registration
08:00-09:00 Networking with Coffee

Opening Session (09:00–10:00, Auditoriums A, B & C)

A high level panel of leaders will share views on the urgent issue of producing more food for a growing global population and how international organizations can contribute to the future of irrigation through innovative approaches and improved governance. The objective is to reach a common understanding of the priorities, challenges, and opportunities for the future.

09:00-09:05 **Emcee Welcome**
Karen Lane, External Relations Specialist, Department of External Relations, ADB, tbc

09:05-09:10 **Opening Speaker**
Stephen Groff, Vice President (Operations 2), ADB, tbc

Keynote Speakers

09:10-09:20 David Harriss, former Executive Director for Water Resources Management and Deputy Commissioner, Murray-Darling Basin Commission, New South Wales, Australia

09:20-09:30 Saeed Nairizi, President, International Commission on Irrigation and Drainage

09:30-09:40 **Award to the Winner of the Youth Video Competition**
Presented by Saeed Nairizi President, International Commission on Irrigation and Drainage

Winning Youth Video: 'Who's Growing Tomorrow's Food?'
Introduced by [winner's name], Prize Winner of the Youth Video Competition

09:40-09:50 Balu Maliakel, Managing Director and Chief Executive Officer, Akay Flavours & Aromatics Pvt Ltd, India

09:50-10:00 Private sector representative, tbc

10:00-10:30 Photo Session and Coffee Break

High-Level Dialogue
(10:30–12:40 Auditoriums A, B & C)

Pigeonhole to be used in Q&A session

Chair: Juan Miranda, Managing Director General, ADB, tbc

The session will present regional perspectives of ADB and its developing member countries (DMCs): country vision and strategy, financing, focal areas of investment and challenges and opportunities in irrigation. ADB and DMC representatives will dialogue with the audience on their key points and regional perspectives.

10:30-10:35

Opening Remarks

Juan Miranda, Managing Director General, ADB, tbc

Keynote Speakers

10:35-10:45

Can We Secure Asia's Water by 2050

Jeremy Bird, Director General, International Water Management Institute

10:45-10:55

Changing Rural Dynamics and The Future of Irrigation

Thierry Facon, Senior Water Management Officer, Food and Agriculture Organization

10:55-11:15

Interactive Discussion with the Audience

Facilitator: Yasmin Siddiqi, Principal Water Resources Specialist, Sustainable Development and Climate Change Department, ADB

11:15-12:35

High-Level Panel on ADB and DMC's Strategic Perspectives: Feeding Asia's Population by 2050'

Chair: Juan Miranda, Managing Director General, ADB, tbc

Facilitator: Yasmin Siddiqi, Principal Water Resources Specialist, Sustainable Development and Climate Change Department, ADB

Representatives from:

1. Central Asia (Sean O'Sullivan, Director General, Central and West Asia Department and DMC counterpart), tbc
2. East Asia (Ayumi Konishi, Director General, East Asia Department and DMC counterpart), tbc
3. South Asia (Hun Kim, Director General, South Asia Department and DMC counterpart), tbc
4. South East Asia (Noriko Ogawa, Deputy Director General, Southeast Asia Department and DMC counterpart), tbc

12:35-12:40

Summary and Conclusions

Qingfeng Zhang, Director, East Asia Department and Chair, Water Sector Committee, ADB

12:40-13:50

Lunch at Executive Dining Room, 2F ADB

**Session 1: Revitalizing Irrigation Performance: Lessons from the Region
(14:00–17:00, Auditoriums A, B & C)**

Pigeonhole to be used in Q&A session

Moderator: Lance Gore, Water Resources Specialist, South Asia Department, ADB

The session will consider irrigation system performance, including challenges for achieving results through modernization—processes to be adopted and improving water productivity.

14:00-14:05	Opening Remarks Xianbin Yao, Director General, Pacific Department, ADB, tbc
14:05-14:20	Asia Drying Up: Water Demands and Availability by 2050 David Wiberg, Acting Program Director, International Institute for Applied Systems Analysis
14:20-14:30	Interactive Discussion with the Audience
14:30-14:40	Regional Experiences on Irrigation Modernization Joop Stoutjesdijk, Lead Irrigation Engineer, World Bank, tbc
14:40-14:50	Making Wins in Irrigation – What Have We Learned Akmal Siddiq, Director, Central and West Asia Department, ADB, tbc
14:50-15:00	India Experiences in Modernization of Irrigation Management Radhey Shyam Julaniya, Principal Secretary, Government of Madhya Pradesh, India
15:00-15:15	Interactive Discussion with the Audience
15:15-15:30	Coffee break
15:30-15:40	Re-Defining Irrigation Modernization Lance Gore, Water Resources Specialist, South Asia Department, ADB
15:40-15:50	Can Irrigation Institutions Perform Better Martin Burton, Independent Management Consultant, ADB
15:50-16:05	Interactive Discussion with the Audience
16:05-16:15	Diagnostics Tools for Modernization Robina Wahaj, Technical Officer, Food and Agriculture Organization
16:15-16:30	Open Discussion with Panel and Audience
16:30-16:40	Modernization – Planning, Implementation and Monitoring Beau Freeman, Department Head, Lahmeyer International
16:40-16:55	Interactive Discussion with the Audience
16:55-17:00	Summary and Conclusions (Panel)

Evening Talk

(17:15 -18:15 Auditoriums A, B & C)

Pigeonhole to be used in Q&A session

Asia Drying Up: What Lies Ahead

The International Institute of Applied Systems Analysis has undertaken cutting edge work with ADB on future water demand in the Asia Pacific region. Socio-economic changes like population growth, changing energy and food demands have been superimposed with climate change projections up to 2050. The outcomes include identifying regional hot spots, their main drivers and solutions.

17:15-17:20

Introduction

Karen Lane, External Relations Specialist, Department of External Relations, ADB, tbc

Keynote Presentations

17:20-17:30

Vinod Thomas, Director General, Independent Evaluations Department, ADB, tbc

17:30-17:40

Asia Water Futures and Solutions 2050

David Wiberg, Acting Program Director, International Institute for Applied Systems Analysis

17:40-18:10

Interactive Discussion with Audience

Facilitator: Karen Lane, External Relations Specialist, Department of External Relations, ADB, tbc

18:10-18:15

Concluding Remarks

Gil Hong Kim, Senior Director, Sustainable Development and Climate Change Department, ADB, tbc

18:30-20:30

Welcome Cocktails, ADB Courtyard

Day 2, Thursday, 21 January

- 08:00 Registration
- 08:00-08:55 Networking with Coffee
- 08:55-09:00 **Video – ‘Who’s Growing Tomorrow’s Food?’**
[name], 1st Runner Up of the Youth Video Competition

Session 2: Innovations to Meet Future Needs for Water, Energy and Food (09:00–12:00, Auditoriums A, B & C)

Pigeonhole to be used in Q&A session

Moderator: Yaozhou Zhou, Senior Water Resources Specialist, South Asia Department, ADB

This session will cover irrigation innovations in water-energy-food links and challenges faced in integrated projects. Round table discussions will share experiences and lessons learned.

- 09:00-09:05 **Introduction to the Session and Keynote Speakers**
Yaozhou Zhou, Senior Water Resources Specialist, South Asia Department, ADB
- 09:05-09:10 **Opening Remarks**
Ma. Carmela Locsin, Director General, Sustainable Development and Climate Change Department, ADB, tbc
- Keynote Speakers**
- 09:10-09:20 **Innovations: The Path Ahead for a Water and Food Secure Asia**
Bastiaan Mohrmann, Co-Head, Asia and Middle East at 2030 Water Resources Group / IFC, tbc
- 09:20-09:30 **Challenges in Scaling up Integrated Approaches : ADB Perspectives**
Qingfeng Zhang, Director, East Asia Department and Chair, Water Sector Committee, ADB
- 09:30-10:00 **Panel Presentations**
- Water Accounting and Productivity Using Remote Sensing**
Wim G.M. Bastiaanssen, Professor of Global Water Accounting, UNESCO-IHE, tbc
- Private Sector Participation in Irrigation Management**
Arnaud Cauchois, Senior Water Resources Specialist, South Asia Department, ADB
- Solar Pumping in India: Karnataka Government Buy-Back Scheme**
Tushaar Shah, Senior Fellow, International Water Management Institute, tbc
- Laser Land-Leveling – Experiences and Lessons Learned**
Lin Lin Ho, Business Development Manager - Funded Projects &

Emerging Markets, Trimble

10:00-10:20 Interactive Discussion with the Audience

10:20-10:40 Coffee Break

10:40-11:40 **Round Table Discussions on Experiences and Actions**

- **Roundtable Discussion 1 (Auditorium B): Challenges on Scaling Up Innovations**

Lead: Tushaar Shah, Senior Fellow, International Water Management Institute, tbc

Resource Person: Mark Yong, CEO and Co-founder, Garuda Robotics

- **Roundtable Discussion 2 (Auditorium C): Technological Innovations and their Applications**

Lead: Yongping Zhai, Technical Advisor (Energy), ADB, tbc

Resource Person: Sumith Choy, Control Engineering Manager, Rubicon Water, Australia, tbc

- **Roundtable Discussion 3 (Auditorium D): Institutional Challenges**

Lead: Hans Woldring, Senior Water Resources Specialist, Central and West Asia Department, ADB, tbc

Resource Person: Justin van Viersen, Regional Manager, Agriculture Division for Asia Pacific, Trimble, tbc

11:40-11:55 Coffee Break

11:55-12:10 **Summary of Roundtable Discussions**

Lead: Tushaar Shah, Senior Fellow, International Water Management Institute, tbc

Yongping Zhai, Technical Advisor (Energy), ADB

Hans Woldring, Senior Water Resources Specialist, Central and West Asia Department, ADB, tbc

12:10-12:15 **Conclusions and Summary of Roundtable Discussions**

Vijay Padmanabhan, Technical Advisor (Urban and Water), ADB

12:15-13:15 Lunch at Executive Dining Room, 2F ADB

**Session 3: Delivering Results through Improved Financing
(13:30–16:20, Auditoriums A, B & C)**

Pigeonhole to be used in Q&A session

Moderator: Akhtar Ali, Principal Water Resources Specialist, Central and West Asia Department, ADB

The session will present the outcome of irrigation investments and innovative financing options for achieving results. Discussions will relate to the drive for increased investments.

13:30-13:35 Opening Speaker

Bambang Susantono, Vice President, Knowledge Management and Sustainable Development, ADB, tbc

13:35-13:55 Keynote Presentation

Ahsan Iqbal, Minister, Planning, Development and Reform, Pakistan, tbc

James Winpenny, Independent Economic Consultant, ADB

13:55-14:45 Interactive Discussion with Panelists

Thierry Facon, Senior Water Management Officer, Food and Agriculture Organization

Naseebullah Khan Bazai, Additional Chief Secretary, Balochistan, Pakistan

Hiranya Mukhopadhyay, Senior Public Management Economist, ADB

Philippe Goral, Senior Development Manager, Bas Rhône et du Languedoc

Eric Quincieu, Water Resources Specialist, Southeast Asia Department, ADB

Aart van der Horst, Senior Policy Adviser, Ministry of Foreign Affairs, Government of the Netherlands

14:45-15:00 Coffee Break

15:00-16:00 Focused Roundtable Discussions

Moderator: Akhtar Ali, Principal Water Resources Specialist, Central and West Asia Department, ADB

Participants are invited to join small, focused, roundtable discussions. A table host will guide the in-depth discussion on "Delivering Results through Improved Financing", supported by experts on the following topics:

Roundtable Discussion 1 (Auditorium B): Lending Modalities

Resource persons:

Eric Quincieu, Water Resources Specialist, Southeast Asia Department, ADB

Hiranya Mukhopadhyay, Senior Public Management Economist, ADB

Jacob Burke, Lead Irrigation Specialist, World Bank, tbc

Roundtable Discussion 2 (Auditorium C): Private Sector Participation

Resource persons:

James Winpenny, Independent Economic Consultant, ADB

Philippe Goral, Senior Development Manager, Bas Rhône et du Languedoc

Arnaud Cauchois, Senior Water Resources Specialist, South Asia Department, ADB

Roundtable Discussion 3 (Auditorium D): Public Sector and Development Partners

Resource persons:

Aart van der Horst, Senior Policy Advisor, Ministry of Foreign Affairs, Government of the Netherlands

Naseebullah Khan Bazai, Additional Chief Secretary, Balochistan, Pakistan

Roundtable Discussion 4 (Multi Function Hall 3): Cost Recovery

Resource persons:

Martin Burton, Independent Management Consultant, ADB

Thierry Facon, Senior Water Management Officer, Food and Agriculture Organization

Malini Vijay Shankar, Additional Chief Secretary, Department of Environment, Government of Maharashtra, India, tbc

16:00-16:15

Coffee Break

16:15-16:30

Summary of Roundtable Discussions

Lotte Schou-Zibell, Technical Advisor (Finance), ADB, tbc

Resource persons:

Eric Quincieu, Water Resources Specialist, Southeast Asia Department, ADB

James Winpenny, Independent Economic Consultant, ADB

Aart van der Horst, Senior Policy Advisor, Ministry of Foreign Affairs, Government of the Netherlands

Martin Burton, Independent Management Consultant, ADB

Evening Talk

(17:00–18:15, Auditoriums A, B & C)

17:00-18:00 **'From Droughts to Floods – Managing Extremes in Irrigation'**

Host: Yasmin Siddiqi, Principal Water Resources Specialist, Sustainable Development and Climate Change Department, ADB

The Australian Water Partnership and Government of the Netherlands will participate in a talk show sharing insights on water resources management under drought and flood scenarios.

17:00-17:05 **Welcome**

Noriko Ogawa, Deputy Director General, Southeast Asia Department, ADB, tbc

Australia's Millennium Drought: Impacts and Responses

17:05-17:10 **Introduction**

Mark Pascoe, Chief Executive Officer, International WaterCentre, Australia

17:10-17:30 **Drought Impacts on Australia's Water Resources and Irrigated Agriculture**

David Harriss, former Executive Director for Water Resources Management and Deputy Commissioner, Murray-Darling Basin Commission, Australia
Leith Bouilly, Former Commissioner, National Water Commission, Australia and Chair, SunWater, Australia

Living with Floods: Experiences from the Netherlands

17:30-17:35 **Introduction**

Michiel de Lijster, Senior Water Resources Specialist, Sustainable Development and Climate Change Department, ADB

17:35-17:55 **From Dykes to the Delta Plan: Securing Water for Irrigation**

Aart van der Horst, Senior Policy Advisor, Ministry of Foreign Affairs, Government of the Netherlands

17:55-18:10 **Interactive Discussion with the Audience**

Moderator: Preety Bhandari, Director/Technical Advisor (Climate Change and Disaster Risk Management), ADB, tbc

Facilitator: Yasmin Siddiqi, Principal Water Resources Specialist, Sustainable Development and Climate Change Department, ADB

18.10-18.15 **Summary and Closing Remarks**

Hong Wei, Deputy Director General, Central and West Asia Department, ADB, tbc

Day 3, Friday 22 January

- 08:00 Registration
- 08:00-08:55 Networking with Coffee
- 08:55-09:00 Video – ‘Who’s Growing Tomorrow’s Food?’
[name], 2nd Runner Up of the Youth Video Competition

Session 4: Promoting Good Governance in Irrigation (09:00–11:30, Auditoriums A, B & C)

Moderator: Plamen Bozakov, Country Director, Turkmenistan Resident Mission, ADB

This session will cover good governance and irrigation performance. It will include a youth led debate on ‘who will produce food for our future.’

09:00-09:05 **Opening Remarks**

Plamen Bozakov, Country Director, Turkmenistan Resident Mission, ADB

Keynote Presentations

09:05-09:15 ***Is Governance the Weak Link in Irrigation***

Malini Vijay Shankar, Additional Chief Secretary, Department of Environment, Government of Maharashtra, India, tbc

09:15-09:25 ***Growing Cities, Hungry Mouths and Women Farmers – Why Participation Counts***

Ayumi Konishi, Director General, East Asia Department, ADB, tbc

09:25-09:40 Coffee break

09:40-10:30 Round Table Discussions on Experiences and Solutions

Roundtable Discussion 1 (Auditorium B): Institutional Challenges – Moving Forward and Bringing Change

Lead: *Raza Farrukh, Water Resources Specialist, Southeast Asia Department, ADB, tbc*

Resource Persons:

Joop Stoutjesdijk, Lead Irrigation Engineer, World Bank, tbc

Leith Bouilly, Former Commissioner, National Water Commission, Australia and Chair, SunWater, Australia

Roundtable Discussion 2 (Auditorium C): Subsidies and Price Distortions – Making the Right Decisions on What to Grow

Lead: *AKM Mahfuzuddin Ahmed, Advisor for Agriculture, Rural Development and Food Security Unit, ADB, tbc*

Resource Persons:

Abid Mahmood, Director General of Research, Government of Punjab, Pakistan

Jiangfeng Zhang, Director, Southeast Asia Department, ADB, tbc

Roundtable Discussion 3 (Auditorium D): Rural Dynamics and Urbanization - Incorporating Changes

Lead: *Sonomi Tanaka, Technical Advisor (Gender Equity), ADB*

Resource Persons:

Sophak Seng, Coordinator, Asian Farmer's Association

Thierry Facon, Senior Water Management Officer, Food and Agriculture Organization

Roundtable Discussion 4 (Multi Function Hall 2): Pumping Till We Run Dry - Strengthening Groundwater Management

Lead: *Frank Radstake, Principal Environment Specialist, East Asia Department, ADB*

Resource Persons:

David Harriss, former Executive Director for Water Resources Management and Deputy Commissioner, Murray-Darling Basin Commission, New South Wales, Australia

Radhey Shyam Julaniya, Principal Secretary, Government of Madhya Pradesh, India

10:30 -10:45

Coffee Break

10:45-11:15

Roundtable Outputs (presented by Lead Persons) and Discussion with Audience (Auditoriums A, B & C)

Plamen Bozakov, Country Director, Turkmenistan Resident Mission, ADB

11:15-11:20

Summary of Outputs and Closing Remarks

Plamen Bozakov, Country Director, Turkmenistan Resident Mission, ADB

11:20-11:30

Break

Youth Led Debate: Who's Producing Tomorrow's Food?
(11:30-12:30 Auditoriums A, B and C)

Moderator: Akmal Siddiq, Director, Central and West Asia Department, ADB, tbc

The debate will consider key drivers of changing rural economies, bringing youth perspectives on the future of agriculture, aging farming population and drivers for future food production.

11:30-11:35 **Opening Remarks**

Akmal Siddiq, Director, Central and West Asia Department, ADB, tbc

11:35–12:10 **Youth Debate: *Who will produce tomorrow's food***

12:10-12:15 **Summary and Conclusions**

Chris Morris, Head, NGO and Civil Society Center, ADB, tbc

12:15-12:30 Break

Closing Session

(12:30 – 13:15, Auditoriums A, B& C)

Pigeonhole to be used in Q&A session

Moderator: Ian Makin, Theme Leader, International Water Management Institute

12:30-12:45 **Forum Outcomes: Next Steps and Taking Actions**

Session 1: Revitalizing Irrigation Performance – Lessons from the Region

Joop Stoutjesdijk, Lead Irrigation Engineer, World Bank, tbc

Session 2: Innovations to Meet Future Needs for Water, Energy and Food

Yasmin Siddiqi, Principal Water Resources Specialist, ADB

Session 3: Delivering Results through Improved Financing

James Winpenny, Independent Economic Consultant, ADB

Session 4: Promoting Good Governance in Irrigation

Leith Bouilly, Former Commissioner, National Water Commission, Australia and Chair, SunWater, Australia

12:45-13:00 **Interactive Discussion with the Audience**

13:00-13:15 **Closing Remarks**

Wencai Zhang, Vice President (Operations 1), ADB, tbc

13:15 **Post-Forum Lunch at Executive Dining Room, 2F ADB**