

PRELIMINARY JOINT PROGRAM

Irrigated Agriculture: Water Management, Technology, and Environmental Resilience

CONIRD/INOVAGRI – 34th Brazilian Congress of Irrigation and Drainage / 9th Inovagri International Meeting
SBS-AgriS – 5th Brazilian Symposium on Salinity and Sustainable Agriculture in the Tropical Semi-Arid Region

NOV 03 - MONDAY					NOV 04 - TUESDAY					NOV 05 - WEDNESDAY				
BRT	AUDITORIUM 1 (MAIN)	AUDITORIUM 2	AUDITORIUM 3	FOYER	BRT	AUDITORIUM 1 (MAIN)	AUDITORIUM 2	AUDITORIUM 3	FOYER	BRT	AUDITORIUM 1 (MAIN)	AUDITORIUM 2	AUDITORIUM 3	FOYER
08:00 - 08:30	ACCREDITATION				08:00 - 10:00	SEMINAR SESSION 01	ROUNDTABLE 03 – SBS	WORKSHOP 01		08:00 - 10:00	SEMINAR SESSION 02	ROUND TABLE 06 – SBS	WORKSHOP 02	
08:30 - 10:00	OPENING CEREMONY				10:00 - 10:15	COFFEE BREAK				10:00 - 10:15	COFFEE BREAK			
10:00 - 12:00	KEYNOTE LECTURE				10:15 - 12:00	ROUND TABLE 02 - CONIRD/INOVAGRI	ROUND TABLE 04 – SBS			10:15 - 12:00	ROUND TABLE 04 - CONIRD/INOVAGRI	ROUND TABLE 07 - SBS		
12:00 - 13:00	LUNCH				12:00 - 13:00	LUNCH				12:00 - 13:00	LUNCH			
13:00 - 15:00	ROUND TABLE 01 - CONIRD/INOVAGRI	ROUNDTABLE 01 - SBS			13:00 - 15:00	ROUND TABLE 03 - CONIRD/INOVAGRI	ROUND TABLE 05 – SBS			13:00 - 15:00	ROUND TABLE 05 - CONIRD/INOVAGRI	ROUND TABLE 08 - SBS		
15:00 - 15:15	COFFEE BREAK				15:00 - 15:30	COFFEE BREAK				15:00 - 15:30	COFFEE BREAK			
15:15 - 17:00	PREPARATORY MEETING FOR THE LATIN AMERICAN IRRIGATION FORUM	ROUNDTABLE 02 - SBS			15:30 - 16:30	ORAL SESSION 02 CONIRD/INOVAGRI	ST3 – SBS	ST4 - SBS		15:30 - 17:00		MINICOURSE 02		POSTER SESSION 03
17:00 - 18:00			ORAL SESSION 01 CONIRD/INOVAGRI	ST1 - SBS	ST2 - SBS	POSTER SESSION 01	16:30 - 17:30	TRIBUTES ABID/INOVAGRI	BOOK RELEASES AND TRIBUTES INCTAGRIS	MINICOURSE 01	17:00 - 18:00	CLOSING CEREMONY AND AWARDING		
					17:30 - 18:30	GENERAL ASSEMBLY			POSTER SESSION 02					

**9º INOVAGRI INTERNATIONAL MEETING AND 34º BRAZILIAN CONGRESS OF
IRRIGATION AND DRAINAGE (CONIRD)**

NOVEMBER 03, 2025 (MONDAY)

08:00 to 08:30 - ACCREDITATION

08:30 to 10:00 - OPENING CEREMONY (JOINT)

10:00 to 12:00 - KEYNOTE LECTURE (JOINT)

- Dr. Durval Dourado Neto (USP/ESALQ) - The future of irrigated agriculture in Brazil: challenges and opportunities for sustainable expansion.

13:00 to 15:00 - ROUND TABLE 1 - Artificial intelligence and remote sensing in the optimization of water management.

- Thiago Fontenelle (ANA) - Big Data and IoT in irrigation monitoring
- David Lozano (AGROAIR TECHNOLOGY - SPAIN)
- Lineu Neiva Rodrigues (EMBRAPA) - Predictive models for the reduction of water losses.
- Michel Freire (3v3) - Use of artificial intelligence in irrigation management.
- Eusímio Fraga Júnior (UFU) – MODERATOR.

15:15 to 17:00 - Thematic meeting preparatory for the Latin American Irrigation Forum

17:00 to 18:00 - SESSION WITH ORAL PRESENTATIONS

18:00 to 19:00 - POSTER SESSION I (JOINT)

COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alessandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

NOVEMBER 04, 2025 (TUESDAY)

08:00 to 10:00 - SEMINAR - California's Experience in Irrigated Agriculture - Session 1

- Fernando Braz Tangerino Hernandez (UNESP, Ilha Solteira) - Coordinator
- Daniele Zaccaria (UC Davis)
- Rick Snyder – (UC Davis)
- Laura Foglia – (UC Davis)
- Michael Cahn – (UC ANR)
- Andre Biscaro – (UC ANR)
- Douglas Amaral – (UC ANR)
- Octavio Lagos – (University of Concepcion – Chile)

08:00 to 10:00 - WORKSHOP - Support Strategies for Irrigation - Session 1

- Maria Emília Borges Alves (EMBRAPA)
- Raimundo Rodrigues Gomes (UFS)
- Flávio Gonçalves de Oliveira (UFMG)
- João Batista Ribeiro da Silva Reis (EPAMIG)
- Fúlvio Rodriguez Simão (EPAMIG)
- Luís Fernando de Souza Magno Campeche (IFSertãoPE)

10:15 to 12:00 - ROUND TABLE 2 - Circular economy in irrigated agriculture: water reuse and valuation of natural resources

- Everardo Mantovani (UFV) - Sustainable irrigated agriculture and its interaction with the circular economy
- Salomão Medeiros (IFPB) - Environmental feasibility of fertigation using treated domestic effluent
- Milton Marques Fernandez (UFS) - Appreciation of natural resources in sustainable irrigated production
- Gregório Guirado Faccioli (UFS) - MODERATOR

13:00 to 15:00 - ROUND TABLE 3 - Irrigated agriculture and mitigation strategies in soil degradation

- Afrânio Cesar Migliari – (APROFIR) – Irrigated agricultural systems
- Luiz Antônio Lima (UFLA) - Drainage installed with georeferenced equipment
- Afonso Peche (IAC) - Ecological strategies for the management of irrigated soils
- Jane Silveira (ABID) - MODERATOR

15:30 to 16:30- SESSION WITH ORAL PRESENTATIONS

16:30 to 17:30 - TRIBUTES (ABID/INOVAGRI)

16:30 to 18:30 - MINI-COURSE

17:30 to 18:30 - ABIDCONIRD/INOVAGRI GENERAL ASSEMBLY

17:30 to 18:30 - POSTER SESSION II (JOINT)

- COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alessandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

NOVEMBER 05, 2025 (WEDNESDAY)

08:00 to 10:00 h - SEMINAR - "California's Experience in Irrigated Agriculture - Session 2"

- Fernando Braz Tangerino Hernandez (UNESP, Ilha Solteira) - Coordinator
- Daniele Zaccaria (UC Davis)
- Rick Snyder – (UC Davis)

- Laura Foglia – (UC Davis)
- Michael Cahn – (UC ANR)
- AndreBiscaro – (UC ANR)
- Douglas Amaral – (UC ANR)
- Octavio Lagos – (University of Concepcion – Chile)

08:00 to 10:00 - WORKSHOP - Support Strategies for Irrigation – Session 2

- Catariny Cabral Aleman (UFV)
- Marconi Batista Teixeira (IFGoiano)
- José Alves Júnior (UFG)
- Bruno Vicente Marques (INOVAGRI)
- Daniel Fonseca de Carvalho (UFRRJ)

10:15 to 12:00 - ROUND TABLE 4 - Preservation of hydraulic systems: maintenance, water security, and failure prevention

- Eric Rothberg (RUBICON) - Technologies for reducing losses in irrigation canals
- Stocler Manoel de Andrade (STOCLER ENGENHARIA) – "Off Stream": Constitutive aspects, water and operational security
- Neurisangelo Cavalcante de Freitas (CAGECE)
- Rafael Chioda (BERMAD)
- Luiz Fabiano Palaretti (UNESP, Jaboticabal) - MODERATOR

13:00 to 15:00- ROUND TABLE 5 - Investments (public and private) for irrigation expansion

- Bernhard L. Kiep (CSEI/ABIMAQ) - Industry perspective on equipment
- Luiz Roberto Barcelos (ABRAFRUTAS) - Institutionalrelationship
- João Ricardo Raiser (CBH) - Government's interlocution with the Basin Committee
- Fernando Santana (SRH) - The experience of Ceará in Water Resources
- Dr. Sílvia Carlos Ribeiro Vieira Lima (SDE-CE/ABID) - MODERATOR

15:30 to 16:30- POSTER SESSION III (JOINT)

- COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alexandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

15:30 to 17:00 h - MINI-COURSE

17:00 to 18:00 h - CLOSING CEREMONY AND AWARDING (JOINT)

5º BRAZILIAN SYMPOSIUM ON SALINITY AND SUSTAINABLE AGRICULTURE IN THE TROPICAL SEMI-ARID REGION - SBS-AgrIS

NOVEMBER 03, 2025 (MONDAY)

08:00 to 08:30 - ACCREDITATION

08:30 to 10:00 - OPENING CEREMONY (JOINT)

10:00 to 12:00 - KEYNOTE LECTURE (JOINT)

- Dr. Durval Dourado Neto (USP/ESALQ) - The future of irrigated agriculture in Brazil: challenges and opportunities for sustainable expansion

13:00 to 15:00 - ROUND TABLE 01 - Sustainability of agriculture in the tropical semi-arid region: availability and efficient use of water resources

- Dr. Francisco de Assis de Souza Filho (UFC) - Water resources: availability and sustainability of water sources in climate change scenarios
- Dr. José Francismar de Medeiros (UFERSA) - Efficient use of water and irrigated agriculture in the Brazilian semi-arid region
- Dr. Adunias dos Santos Teixeira (UFC) - MODERATOR

15:15 to 17:00 - ROUND TABLE 02 – Biosaline agriculture in the tropical semi-arid region

- Dr. Claudivan Feitosa de Lacerda (UFC) - Challenges and perspectives for biosaline agriculture in the Brazilian semi-arid region
- Dr. Jorge Ferreira (US Salinity Laboratory/USDA) - DEBATER
- Dr. Marcos Eric Barbosa Brito (UFS) – MODERATOR

17:00 to 18:00 - THEMATIC SESSIONS WITH ORAL PRESENTATIONS

TS-I: Hydroponics and aquaponics with the use of brackish water

- Dr. Toshik Iarley da Silva (UFRB) – COORDINATOR

TS-II: Physiological, molecular responses and tolerance mechanisms to salinity and other abiotic stresses

- Dra. Rosilene Oliveira Mesquita (UFC) – COORDINATOR

18:00 to 19:00 - POSTER SESSION I (JOINT)

- COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alexandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

NOVEMBER 04, 2025 (TUESDAY)

08:00 to 10:00 h - ROUND TABLE 03 - Strategies and applicable technologies for the utilization of brackish water in agricultural production

- Dr. José Amilton Santos Júnior (UFRPE) - Strategic use of brackish water in hydroponic crops
- Dr. Thiago Jardelino Dias (UFPB) - Overcoming salinity: strategies for cultivating vegetables with saline water
- Dr. Welson Lima Simões (Embrapa Semiárido) - MODERATOR

10:15 to 12:00 - ROUND TABLE 04 – Sustainability of natural resources in the tropical semi-arid region: soils and carbon

- Dr. Ricardo Espíndola Romero (UFC) - Soil classes and their potential for use in the Brazilian semi-arid region
- Dr. Gabriel Nuto Nóbrega (UFC) - Potentialities and limitations for carbon sequestration in soils of the tropical semi-arid region
- Dra. Maria Cléa Brito de Figueirêdo (Embrapa Agroindústria Tropical) - Carbon footprint and market for agricultural products from the semi-arid region
- Dr. Miguel Ferreira Neto (UFERSA) - MODERATOR

13:00 to 15:00 - ROUND TABLE 05 – Sustainable rainfed agriculture in the Brazilian semi-arid region

- Dr. Marlos Alves Bezerra (Embrapa Agroindústria Tropical) - Rainfed fruit farming in the semi-arid region: challenges and potentialities
- Dr. Thieres George Freire da Silva (UFRPE) - Agricultural planning and management technologies for forage species under rainfed conditions in the Brazilian semi-arid region
- Dr. Rafael de Souza Miranda (UFPI) - MODERATOR

15:30 to 16:30 - THEMATIC SESSIONS WITH ORAL PRESENTATIONS

TS-III: Strategies for using saline resources (soil, water, and plants) in production systems

- Dra. Maria Betânia Galvão dos Santos Freire (UFRPE) - COORDINATOR

TS-IV: Sustainable agriculture in the tropical semi-arid region

- Dr. Alberto Soares de Melo (UEPB) – COORDINATOR

16:30 to 17:30 h - BOOK RELEASES AND TRIBUTES (INCTAgriS)

- COORDINATION: Dr. Edivan Rodrigues de Souza (UFRPE) and Dr. Fernando Bezerra Lopes (UFC)

17:30 to 18:30 h - POSTER SESSION II (JOINT)

- COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alessandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

NOVEMBER 05, 2025 (WEDNESDAY)

08:00 to 10:00 - ROUND TABLE 06 – Biosaline Agriculture: The Role of Halophytes and Halotolerants in Sustainable Food and Bioenergy Production

- Dr. César Serra Bonifácio Costa (FURG) - *Salicornia*: a sustainable option for the green and blue economy
- Dr. Luiz Guilherme Medeiros Pessoa (UFRPE) - Halophyte and halotolerant plants as management strategies for salt-affected areas in the Brazilian semi-arid region: from food security to soil recovery and the need to innovate
- Dr. Oriel Herrera Bonilla (UECE) - MODERATOR

10:15 to 12:00 - ROUND TABLE 07 – Innovation and communication strategies

- Dr. Fuad Nogueira (NUTEC) - Nutec: transforming ideas into innovative solutions
- Dr. Salomão de Sousa Medeiros (IFPB) - Communication to transform irrigated agriculture
- Dr. Raimundo Nonato Távora Costa (UFC) - MODERATOR

13:00 to 15:00 - ROUND TABLE 08 – Research in agricultural sciences and the social and economic development of the Brazilian semi-arid region

- Dr. Nildo da Silva Dias (UFERSA) - The social and economic impacts of research in agricultural sciences
- Dra. Mirian Cristina Gomes Costa (UFC) - Financing of agronomic research: a sustainable investment from the perspective of soil science
- Dra. Vera Lúcia Antunes de Lima (UFCG) - MODERATOR

15:30 to 16:30 - POSTER SESSION III (JOINT)

COORDINATION: Dr. Geocleber Gomes de Sousa (UNILAB), Dr. Alessandro Oliveira da Silva (UFRPE), Dr. Ricardo Rodrigues de Andrade (IFCE) and Clayton Moura de Carvalho (Inovagri)

17:00 to 18:00 h - CLOSING CEREMONY AND AWARDING (JOINT)