



The resilience of semi-arid rural socio-environmental systems”

18 NOV 2019 – 20 NOV 2019
FORTALEZA CEARA
BRAZIL

Day 1 – November 18th 2019

08h30 – 09h00	Opening
09h00 – 10h15	Opening Session: International Cooperation in Water Resources and Agriculture in Ceará State
09h00 – 09h30	Key Lecture: <i>CIRAD and the International Cooperation in Semiarid Regions</i> Sylvain Perret Deputy Director at CIRAD, Department Environments & Societies, France
09h30 – 09h45	Lecture 1: The Chief Scientist Program of the Government of the State of Ceará Jorge Soares Director of Innovations, Ceará Foundation to Support Scientific and Technological Development (FUNCAP), Brazil
09h45 – 10h00	Lecture 2: <i>UFC and the International Cooperation</i> Augusto Teixeira de Albuquerque Dean of International Relations of the Federal University of Ceará (UFC), Brazil
10h00 – 10h15	Lecture 3: <i>International Cooperation in the Context of the Tripartite Alliance: Africa-Brazil-France - History, Challenges and Perspectives</i> Eduardo Martins President, Research Institution of Meteorology and Water Resources (FUNCEME), Brazil
10h15 – 10h45	Coffee Break
10h45 – 12h30	Session 1: Evolution of Water Resources / Society: Crossed View between Semiarid Regions
	Chairwoman and Debater: Rosana Garjulli - Ceará State Legislative Assembly - Brazil
10h45 – 11h15	Key Lecture: <i>Ceará State Strategic Plan and the Planned Infrastructure</i> Francisco José Coelho Teixeira State Secretary of Water Resources (SRH), Brazil
11h15 – 11h30	Lecture 1: <i>Water Resources in Ceará: History, Development, Management, Policy and Science</i> Francisco de Assis de Souza Filho Department of Hydraulic and Environmental Engineering, Federal University of Ceará (UFC), Brazil
11:30 – 11h45	Lecture 2: <i>Rural Development Strategies in Asia</i> Guillaume Lacombe CIRAD GEAU, France
11h45 – 12h00	Lecture 3: <i>Roles, Strategy and Evolution of Management Officials in Morocco</i> Abdelilah Taki IAV, Department of Rural Engineering Morocco
12h00 – 12h30	Debate
12h30 – 14h00	Lunch Break
14h00 – 17h00	Session 2: Resilience and Sustainability of Water Resources/Territory
	Chairman and Debater: Sami Bouarfa – IRSTEA, France
14h00 – 14h30	Key Lecture: <i>The Policy of Conservation of Waters and Soils in Tunisia</i> Naoufel BenHaha DGAFTA-MARHP, Tunisia
14h30 – 14h45	Lecture 1: <i>Reuse as a Strategy to Increase the Resilience and Sustainability of the Territory</i> Isabel Cristina da Silva Department of Agricultural Engineering, Federal University of Ceará (UFC), Brazil
14h45 – 15h00	Lecture 2: <i>Public Policies on Resilience (The Cystern Program)</i> Marcos Jacinto Brazilian Semi-Arid Joint (ASA), Brazil
15h00 – 15h15	Lecture 3: <i>Management and Conservation of Basins in Tunisia</i> Sihem Jebari INRGRF Soil and Water Conservation Research Unit, Tunisia
15h15 – 15h45	Coffee Break
15h45 – 16h00	Lecture 4: <i>Groundwater Economy in the Semi-arid: Reflexions on Resilience and Sustainability</i> Marcel Kuper CIRAD-GEAU, France
16h00 – 16h15	Lecture 5: <i>Water Transfer Project Acqua Domitia: What were the impacts on Resilience and Sustainability of both donor and recipient basins?</i> Etienne Dressayre Deputy Director BRL Engineering, France
16h15 – 17h00	Debate

Day 2 – November 19th 2019

09h00 – 12h30	Session 3: Agroecology, Sustainable Agricultural Systems - Climate, Rnvironmental and Water Challenges
	Chairman and Debater: Sylvain Perret - CIRAD, France
09h00 – 09h30	Key Lecture: <i>The Agroecological Transition of Agricultural Systems in the Global South</i> Eric Scopel CIRAD AIDA, France
09h30 – 09h45	Lecture 1: <i>Understanding the Drivers of Deforestation and Agricultural Transformations</i> Guillaume Lestrelin CIRAD TETIS , France
09h45 – 10h00	Lecture 2: <i>Development of Agro-industrial Value Chains-clusters / Valorization of Local Products</i> Faten Khamassi INAT Department of Economy, Tunisia
10h00 – 10h15	Lecture 3: <i>SDA Strategy for Family Agriculture</i> Wilson Brandão State Executive Secretary for Agrarian Development (SDA), Brazil
10h15 – 10h45	Coffee Break
10h45 – 11h15	Lecture 4: <i>Soil, Management, Fertility in the Tunisian Semi-arid Region</i> Nadhira Benaissa INAT Plant Production Department, Tunisia
11H15 – 11h30	Lecture 5: <i>Green Morroco Plan</i> Mustafa Errahj ENA Meknes, Morocco
11h30 – 12h30	Debate
12h30 – 14h00	Lunch Break
14h00 – 17h00	Session 4: Governance of Water Resources and Territories
	Chairman and Debater: Paulo Henrique Lustosa, State Secretary of Cities, Brazil
14h00 – 14h30	Key Lecture: <i>Supporting the Shift from State Water to Community Water: Lessons from a Social Learning Approach to Designing Joint Irrigation Projects</i> Marcel Kuper CIRAD GEAU, France
14h30 – 14h45	Lecture 1: <i>Approaches and impacts of Participatory Process in the Reorganization of Irrigation Management</i> Jean-Yves Jamin CIRAD GEAU, France
14h45 – 15h00	Lecture 2: <i>The Ceará State Strategy for Irrigated Agriculture</i> Silvio Carlos Ribeiro Vieira Lima State Executive Secretary of Agrobusiness (SEDET), Brazil
15h00 – 15h15	Lecture 3: <i>Water Resources Management in Morocco</i> Mustafa Errahj ENA Meknes, Morocco
15h15 – 15h45	Coffee Break
15h45 – 16h00	Lecture 4: <i>Water Municipalities Plans</i> Francisco de Assis de Souza Filho Department of Hydraulic and Environmental Engineering, Federal University of Ceará (UFC), Brazil
16h00 – 16h15	Lecture 5: <i>Integrated Rural Sanitation System</i> Helder Cortez Ceará State Water and Sewage Company (CAGECE), Brazil
16h15 – 17h00	Debate

09h00 – 12h30	Session 5: Monitoring and Evaluation of Territories and Natural Resources
	Chairman and Debater: Sylvain Perret - CIRAD, France
09h00 – 09h30	Key Lecture: <i>Participative and Territorial Platforms for Development and Climate Change Adaptation in Tunisia</i> Guillaume Lestrelin CIRAD/TETIS, France
09h30 – 09h45	Lecture 1: <i>The Ceará Experience in Drought Contingency over the Recent Drought Period</i> Ramon Rodrigues State Executive Secretary of Planning and Internal Management, Brazil
09h45 – 10h00	Lecture 2: <i>The Water Resources Participatory Monitor System and Decision Making in Ceará: FUNCEME/COGERH/SRH</i> Eduardo Martins President, Research Institution of Meteorology and Water Resources (FUNCEME), Brazil
10h00 – 10h15	Lecture 3: <i>Management of Water Resources from a Territorial Projects Perspective</i> Sami Bouarfa IRSTEA, Deputy Director, Department of Water resources France
10h15 – 10h45	Coffee Break
10h45 – 11h15	Lecture 4: <i>Experimental Basins of Iguatu and Aiuaba</i> Fernando Bezerra Lopes Department of Agricultural Engineering, Federal University of Ceará (UFC), Brazil
11h15 – 11h30	Lecture 5: WIMES Platform for information sharing Etienne Dressayre Deputy Director BRL Engineering, France
11h30 – 12h30	Debate
12h30 – 14h00	Lunch Break
14h00 – 17h00	Session 6: Experiences of Multi-Stakeholder Research
	Chairman and Debater: Artur Bruno, State Secretary of Environment, Brazil
14h00 – 14h30	Lecture 1: <i>Effects of Public Policies and Climate Variability on the Brazilian Semiarid Region</i> Marie-Pierre Ledru IRD, Representative in Brazil, France
14h30 – 15h00	Lecture 2: <i>Water and Society in Banabuiu and Medium Jaguaribe Areas</i> Julien Burte/Eduardo Martins CIRAD GEAU/FUNCEME, France/Brazil
15h00 – 15h30	Lecture 3: <i>Impacts Assesment of Agricultural Practices on Soil</i> Mirian Cristina Gomes Costa Department of Soil Sciences, Federal University of Ceará (UFC), Brazil
15h30 – 16h00	Debate
16h00 – 16h30	Coffee Break
16h30 – 17h15	Magna Lecture: Experiences of Participatory Engineering in Strategic Planning (Covenant) or Territorial Planning Eudoro Walter de Santana IPLANFOR, Brazil
17h15	Closure