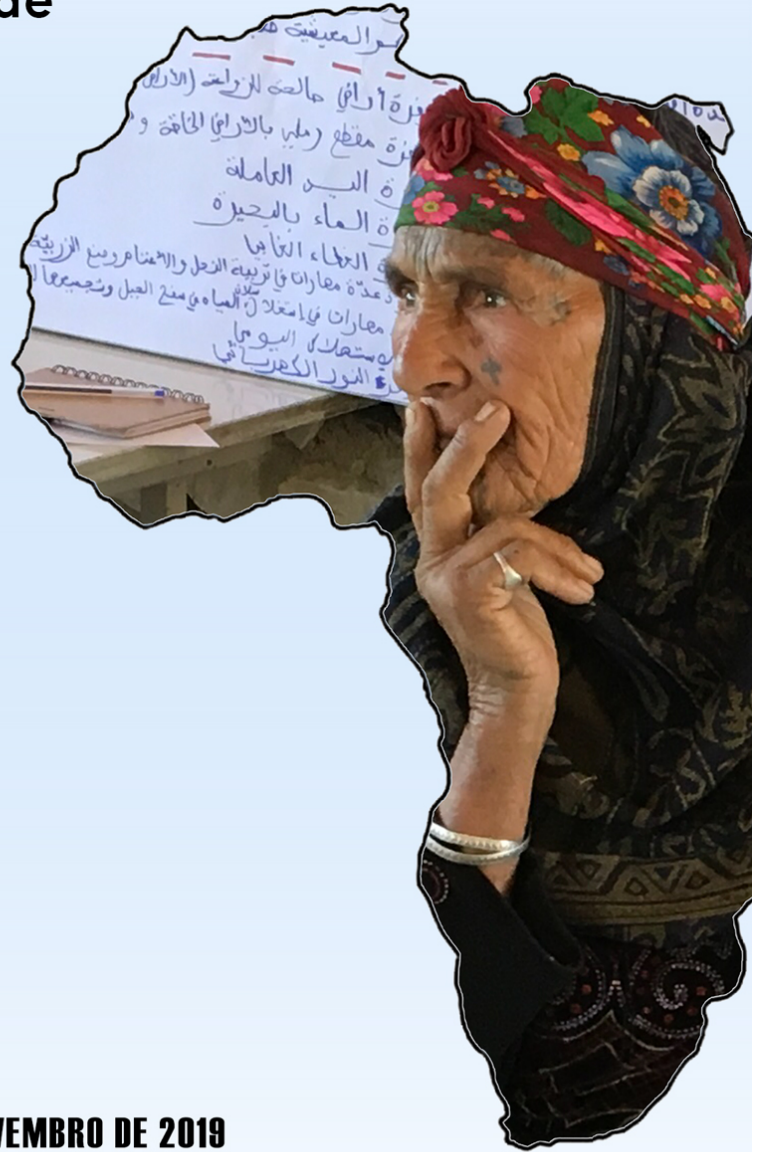


SIMPÓSIO INTERNACIONAL

INTERNATIONAL SYMPOSIUM

Resiliência e Sustentabilidade de Áreas Rurais Semiáridas: Pontos de Vista do Brasil e Magrebe/África

Resilience and Sustainability of Semi-Arid Rural Areas: Views of Brazil and Maghreb/Africa



18 A 20 DE NOVEMBRO DE 2019

NOVEMBER, 18 TO 20TH, 2019

FORTALEZA - CEARÁ, BRASIL



PROGRAMME

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>Research for Development Facing Fast-Changing Challenges: Which Scientific Approach? Vision, Principles, Toolbox, and Practices at CIRAD</i> Sylvain Perret Deputy Director at CIRAD, Department Environments & Societies, France
09h30 – 09h45	Lecture 1: <i>The Chief Scientist Program of the Government of the State of Ceará</i> 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</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 Water Resources Strategic Action Plan</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>Water and Society in Banabuiu and Medium Jaguaribe Areas</i> Julien Burte CIRAD GEAU, France
11h45 – 12h00	Lecture 3: <i>The Resilience of Semi-Arid Rural Socio-Environmental Systems – Irrigation Programs of the Green Morocco Plan: Towards Irrigation Water Saving and Water Valuing</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>ACTA's Strategy for a Better Resilience of Vulnerable Territories</i> Naoufel BenHaha DGAFTA-MARHP, Tunisia
14h30 – 14h45	Lecture 1: <i>Semi-Arid Joint (ASA) – 20 Years</i> Marcos Jacinto Brazilian Semi-Arid Joint (ASA), Brazil
14h45 – 15h00	Lecture 2: <i>Management and Conservation of Basins in Tunisia</i> Sihem Jebari INRGREF Soil and Water Conservation Research Unit, Tunisia
15h00 – 15h15	Lecture 3: <i>The Rural Youth and the Groundwater Economy in Semi-Arid Regions: Reflections on Resilience and Sustainability</i> Marcel Kuper CIRAD-GEAU, France
15h15 – 15h30	Lecture 4: <i>Acqua Domitia Project – A Spatial Planning Project</i> Etienne Dressayre Deputy Director BRL Engineering, France
15h30 – 16h15	Debate
16h15 – 16h45	Coffee

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>Conditions and Forms of Agroecological Transition in Tropical Countries</i> Eric Scopel CIRAD AIDA, France
09h30 – 09h45	Lecture 1: <i>Understanding Livelihood and Land Use Changes in “Pioneer Fronts” of Southeast Asia - Implications for an Envisioned Agroecological Transition</i> Guillaume Lestrelin CIRAD TETIS, France
09h45 – 10h00	Lecture 2: <i>Programs of the Secretariat of Agrarian Development</i> Eduardo Martins Barbosa CODET/Secretariat of Agrarian Development (SDA), Brazil
10h00 – 10h15	Lecture 3: <i>Soil, Management, Fertility in the Tunisian Semi-arid Region</i> Nadhira Benaissa INAT Plant Production Department, Tunisia
10h15 – 10h45	Coffee Break
10h45 – 11h15	Lecture 4: <i>Green Morocco Plan</i> Mustafa Errahj ENA Meknes, Morocco
11h15 – 12h00	Debate
12h00 – 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>“Bricolage” User-Led Innovation on Drip Irrigation Technology</i> Marcel Kuper CIRAD GEAU, France
14h30 – 14h45	Lecture 1: <i>Approaches and impacts of Participatory Processes in the Reorganization of Irrigation Management</i> Jean-Yves Jamin CIRAD GEAU, France
14h45 – 15h00	Lecture 2: <i>Strategies for Ceará Agribusiness</i> Silvio Carlos Ribeiro Vieira Lima State Executive Secretary of Agrobusiness (SEDET), Brazil
15h00 – 15h15	Lecture 3: <i>Agricultural Water in Morocco: Challenges of Sustainability and Inequalities</i> Mustafa Errahj ENA Meknes, Morocco
15h15 – 15h45	Coffee Break
15h45 – 16h00	Lecture 4: <i>Designing Sustainable Water Systems Under Climate Stress in Northeast Brazil</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

Day 3 – November 20th 2019

09h00 – 12h30	Session 5: Monitoring and Evaluation of Territories and Natural Resources
	Chairman and Debater: Mustafa Errahj, ENA Meknes, Morocco
09h00 – 09h30	Key Lecture: <i>Climate Change Adaptation Programme for Vulnerable Rural Territories (PACTE) of Tunisia – Platforms for Concerted Territorial Planning</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 in Ceará</i> Eduardo Martins President, Research Institution of Meteorology and Water Resources (FUNCEME), Brazil
10h00 – 10h15	Lecture 3: <i>The Projects of the Territory of Water Management in France</i> Sami Bouarfa IRSTEA, Deputy Director, Department of Water Resources, France
10h15 – 10h45	Coffee Break
10h45 – 11h00	Lecture 4: <i>WIMES – Water Information Management, Ecosystem & Services</i> Etienne Dressayre Deputy Director BRL Engineering, France
11h00 – 12h00	Debate
12h00 – 14h00	Lunch Break
14h00 – 16h00	Session 6: Experiences of Multi-Stakeholder Research
	Chairman and Debater: Maria Dias, Planning and Internal Management Secretary (SEMA), 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>Participatory Water Quality Monitoring: a Methodological Proposal</i> Enio Girão EMBRAPA, Brazil
15h00 – 15h30	Lecture 3: <i>Impacts Assessment of Agricultural Practices on Soil</i> Mirian Cristina Gomes Costa Department of Soil Sciences, Federal University of Ceará (UFC), Brazil
15h30 – 16h00	Lecture 4: <i>UNILAB - University of International Integration of Afro-Brazilian Lusophony</i> Max Cesar de Araujo Dean of Institutional Relations, UNILAB, Brazil
16h00 – 16h45	Debate
16h45	Closure