



ADAPTATION FUTURES 2014

Third International Climate Change Adaptation Conference

12th-16th May, 2014



Vila Gale Fortaleza Hotel Fortaleza/Ceará - Brazil

CONFERENCE PROGRAMME

CONFERENCE THEMES	DAYS
Theme A: Impacts of climatic change on different sectors and implications for adaptation	Day 1: State of knowledge
Theme B: Linking adaptation and development for human well-being	Day 2: Seeking solutions
Theme C: Integrated approaches across scales (local to global) towards transformation for a 4°C+ world	Day 3: Addressing challenges
Theme D: Adaptation at the edge, in regions most vulnerable to change	Day 4: Adaptation into action/policy day
Theme E: Understanding, measuring and communicating adaptation	Day 5: Drought and national policies
Policy High Level Meeting on National Drought Policies Meeting	

ORAL PRESENTATIONS - May 12th -15th

May 12th

Session 1: Theme A: Conducting Vulnerability, Impact and Adaptation Assessments:

Room: Salão Eça de Queiroz

Convener: Roger Street, UK-CIP, UK

16:00 CLIMATE CHANGE, VULNERABILITY, IMPACT AND ADAPTATION ANALYSIS IN THE REGION OF SOUTH AMERICA'S GRAN CHACO

Rossana Scribano

16:15 CLIMATE CHANGE, HAZARDS AND VULNERABILITY: MULTISCALE ANALYSIS ON THE NORTHERN COAST OF SÃO PAULO STATE, BRAZIL

Allan Yu Iwama, Wilson Cabral Sousa Júnior, Vitor Baccarin Zanetti, Rafael Sakai, José Carlos de Moura Xavier, Debora Freitas, Eliane Simões, Mateus Batistella, Lúcia da Costa Ferreira

16:30 THE ADAPTATION OF BRAZILIAN SOCIETY TO CLIMATE CHANGE AND THE IMPORTANCE OF THE FIRST NATIONAL ASSESSMENT REPORT

Andrea Young

16:45 A CLIMATE CHANGE VULNERABILITY, IMPACT AND ADAPTATION ANALYSIS METHODOLOGICAL FRAMEWORK: LESSONS FROM LATIN AMERICA AND CARIBBEAN REGION

Andrea Sabelli

17:00 INTEGRATING CLIMATE CHANGE INTO MUNICIPAL PLANNING IN CHILE NGO ADAPT-CHILE

Cristóbal Reveco Umaña

17:15 METHODOLOGICAL CHOICES IN PROBLEM-ORIENTED ADAPTATION RESEARCH

Jochen Hinkel

Session 3: Theme A: Impacts-Vulnerability-Adaptation in Central and South America: Results from IPCC WG2

Room: Salão Jose de Alencar

Conveners: José Marengo, INPE Brazil, Graciela Magrin INTA Argentina

16:00 THE IPCC WG2 AND THE IMPACTS-VULNERABILITY-ADAPTATION REALITY IN CENTRAL AND SOUTH AMERICA

Vicente Barros

16:15 CLIMATIC STRESSORS: MAJOR RECENT CHANGES AND PROJECTIONS IN THE CENTRAL AND SOUTH AMERICA: MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5 WG2

José Marengo

16:30 FRESHWATER RESOURCES: MAJOR RECENT CHANGES AND PROJECTIONS IN THE CENTRAL AND SOUTH AMERICA: MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5 WG2

Sebastian Vicuna

16:45 ECOSYSTEM-BASED ADAPTATION INITIATIVES IN CENTRAL AND SOUTH AMERICA: MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5 WG2

Fabio Scarano, Edwin Castellanos

17:00 FOOD AND FOOD SECURITY: MAJOR RECENT CHANGES AND PROJECTIONS IN THE CENTRAL AND SOUTH AMERICA: MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5 WG2

Graciela Magrin

17:15 HUMAN HEALTH IN CENTRAL AND SOUTH AMERICA: EVIDENCES, EXACERBATING FACTORS AND ADAPTATION STRATEGIES. MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5 WG2

German Poveda

17:30 LESSONS LEARNED FROM AUTONOMOUS AND PLANNED ADAPTATION EXPERIENCES EN CENTRAL AND SOUTH AMERICA: MAIN RESULTS OF CHAPTER 27 CENTRAL AND SOUTH AMERICA OF THE IPCC AR5

Edwin Castellanos

Session 4: Theme A: Adaptation in the water sector

Room: Salão Fernando Pessoa

Convener: Francisco Meza, Univ Catolica, Chile

16:00 IWRM; A GOAL-BASED PERFORMANCE APPROACH IN FORMULATION OF ADAPTATION TO CLIMATE CHANGE IN KARKHEH BASIN, IRAN

Hamidreza Solaymani, A.K. Gosain

16:15 SUSTAINABLE ADAPTATION IN THE WATER SECTOR THROUGH SYSTEMIC, DISSIPATIVE, AND OPEN WATER MANAGEMENT MODEL INCLUDING A PARTICIPATIVE WATER LAW IN MEXICO

Úrsula Oswald Spring

16:30 LINKING LARGE SCALE CLIMATE CHANGE IMPACTS ON HYDROLOGY WITH INDIVIDUAL ACTION FOR ADAPTATION USING THE WATER FOOTPRINT APPROACH

Katrin Schneider, Paul Schattan, Christin Haida, Christian Dobler, Elisabeth Schaber, Matthias Huttenlau

16:45 WATER SUPPLY/DEMAND UNDER CLIMATE CHANGES ON A LOCAL MANAGEMENT APPROACH USING WATER FOOTPRINT ACCOUNTING

Bruna Vieira, Wilson Sousa Junior

Session 5: Theme A: Adaptation in the energy sector

Room: Salão Vasco da Gama

Convener: Sebastian Vicuna, Univ Catolica, Chile

16:00 THE RELEVANCE OF CLIMATE CHANGE IMPACTS FOR FUTURE ELECTRICITY DEMAND AND SUPPLY IN THE METROPOLITAN REGION OF SANTIAGO DE CHILE

Klaus-Rainer Braeutigam, Juergen Kopfmueeller, Volker Stelzer

16:15 INCORPORATING THE CLIMATE CHANGE IMPACTS IN RESIDENTIAL HEATING ENERGY DEMAND PROJECTION FOR NORDIC COUNTRIES

Reza Fazeli, Brynhildur Davidsdottir

16:30 AN INTEGRATED APPROACH TO STUDY ADAPTATION AND MITIGATION OPTIONS ON ENERGY SECTOR IN CHILE

Eduardo Bustos, Enzo Sauma, Andrés Pica, José Miguel Valdéz, Sebastián Vicuña

16:45 BETWEEN POLICIES AND PRACTICES: CAN THE CURRENT GREEN GROWTH INITIATIVES PROMOTE SUSTAINABLE ENERGY DEVELOPMENT AND POVERTY REDUCTION IN NIGERIA?

Taiwo, I.O, Olokesusi, F., Adeoti, J., Adesanya, O.A., Olorunfemi, F.B., Chete, L.N., Adeagbo, A.L and Alaba, O.

Session 6: Theme A: Adapting agriculture to climate change

Room: Vinicius de Moraes

Convener: Eduardo Assad, EMBRAPA, Brazil

16:00 CROPCLIMATE: A PLATFORM TO LOOK FOR ADAPTATION OF AGRICULTURE TO THE IMPACTS OF CLIMATE VARIABILITY AND CHANGE

Guillermo Baigorria, Consuelo Romero

16:15 EVALUATING 'CROP SWITCHING' EVIDENCE FROM BRICS COUNTRIES AS AN INDICATOR OF CLIMATE ADAPTATION

Kamleshan Pillay

16:30 CLIMATE CHANGE AND GLOBAL FOOD SECURITY: CONCLUSIONS FROM A SYNTHESIS OF 20 YEARS OF RESEARCH

Martin Parry

16:45 INTEGRATING CLIMATE SCIENCE IN THE AGRICULTURAL EXTENSION SYSTEM: LESSONS FROM THE SOUTHEAST US

Clyde Fraisse, Daniel Dourte, Noman Breuer, Wendylin Bartels

17:00 THE IMPACT OF CLIMATIC CHANGE ADAPTATION ON AGRICULTURAL PRODUCTIVITY IN CENTRAL CHILE: A STOCHASTIC PRODUCTION FRONTIER APPROACH

Lisandro Roco, Boris Bravo-Ureta, Alejandra Engler, Roberto Jara-Rojas

17:15 ANALYSIS OF CASSAVA FARMER HOUSEHOLDS VULNERABILITY TO CLIMATE CHANGE IN SOUTHWESTERN NIGERIA

Thompson, O. A and Olayinka, V. Y

17:30 COMMUNITY BASED INITIATIVES IN SEMI-ARID REGION OF PAKISTAN TO ADAPT TO CHANGING CLIMATE PATTERNS AND REHABILITATE DEGRADED RANGE LANDS

Sahibzada Irfanullah Khan

17:45 ADAPTATION MECHANISM TO CLIMATE CHANGE AND TECHNICAL APPROACHES IN AGRICULTURE

Dawei Zheng, Yinlong Xu, Zhihua Pan

Session 32: Theme A: Knowledge sharing and network management among public, civil society and private sector practitioners:

Room: Iracema

Convener: Jon Padgham, START

16:00 CLIMATE ADAPTATION AND MULTI-LEVEL ADAPTIVE GOVERNANCE APPROACHES: INSIGHTS FROM CANADA'S "ADAPTATION PLATFORM"

Elizabeth Atkinson, Marie-Caroline Badjeck, Beth Lavender, Nick Xenos

16:15 SCIENTIFIC MODELS AND LOCAL KNOWLEDGE: SWISS PERUVIAN EXPERIENCES

Luis Vicuna, Christine Jurt, Christian Huggel, Fiorella Minan, Maria Dulce Burga

16:30 SUPPORTING CLIMATE CHANGE ADAPTATION IN LATIN AMERICA THROUGH VIRTUAL MECHANISMS - REGATTA PLATFORM

Jason Spensley

16:45 GAP BETWEEN SCIENCE AND PUBLIC POLICY: CLIMATE CHANGE RESEARCH IN CHILE

Roxana Bórquez, Pablo González

17:00 INSTITUTIONAL PERSPECTIVES ON CLIMATE CHANGE: KNOWLEDGE SHARING FOR ADAPTIVE WATER MANAGEMENT IN THE MAIPO BASIN, CHILE

Sebastián Bonelli, Christopher Scott, Sebastián Vicuña

May 13th

Session 2: Theme A: Change Impacts and Adaptation in Drylands

Room: Salão Fernando Pessoa

Conveners: Antônio Magalhaes, CGEE Brazil, Eduardo MartinsFUNCEME, Brazil

10:30 ADAPTATION TO CLIMATE CHANGE IN LATIN AMERICA: RESULTS OF AN IADB STUDY

Dorte Verner,

10:45 EXPERIENCE OF ADAPTATION TO DROUGHTS IN SPAIN, AUSTRALIA, MÉXICO AND BRAZIL: A STUDY BY THE WB

Erwin De Nys,

11:00 ADAPTATION TO DROUGHTS AND CLIMATE CHANGE IN CEARÁ

Eduardo Martins

11:15 ADAPTATION TO DROUGHTS IN ARGENTINA.

Elena Abraham

Session 7: Theme A: Adaptation in the human health sector

Room: Salão Eça de Queiroz

Conveners: Ulises Confalonieri, FIOCRUZ, Brazil

10:30 MAPA DA VULNERABILIDADE DOS MUNICÍPIOS DO RIO DE JANEIRO ÀS MUDANÇAS DO CLIMA: O INDICADOR DE EVENTOS CLIMÁTICOS EXTREMOS E O EXEMPLO DA REGIÃO SERRANA

Martha Barata, Ulisses Confalonieri, Diana Marinho, Giovannini Luigi, Cristina Costa Neto, Frederico Oliveira, Carlos Pereira, Felipe Marincola

10:45 ADDRESSING THE HEALTH IMPACTS OF DROUGHTS IN BRAZIL

Aderita Sena

11:00 ADAPTATION TO WARMER WORLD: HEATSTROKE PREVENTION INTERVENTION IN JAPAN

Yasushi Honda, Momoko Kayaba, Masahide Kondo, Noriko Furuoya, Masahiro Hashizume

11:15 ADAPTING RURAL VULNERABLE COMMUNITIES: A PILOT PROJECT IN RURAL VICTORIA, AUSTRALIA

Hartmut Fuenfgeld, Alianne Rance, Jo Brown, Nola McIntyre

11:30 SOCIAL-ENVIRONMENTAL AND HEALTH VULNERABILITY OF THE MUNICIPALITIES OF MINAS GERAIS, BRAZIL, TO THE IMPACTS OF CLIMATE CHANGE

Ana Flávia Quintão, Ulisses Confalonieri

Session 12: Theme B: National and sub-national case studies of adaptation

Room: Salão Iracema

Conveners: Maria del Carmen Lemos, Univ. of Michigan, USA

10:30 ADAPTATION TO CLIMATE CHANGE: PROCESSES AND OUTCOMES. EXPERIENCES IN MEXICO

Cecilia Conde, Alejandro Monterroso

10:45 ADAPTATION AT THE MUNICIPAL SCALE IN THE US INTERMOUNTAIN WEST: WHAT DRIVES ACTION IN THE FACE OF WEATHER AND CLIMATE RELATED HAZARDS?

Lisa Dilling, Krister Andersson, John Berggren, Ashwin Ravikumar

11:00 PROMOTING ADAPTIVE CAPACITIES IN BRAZIL'S SEMI-ARID NORTHEAST: WHAT ARE THE LINKS BETWEEN CLIMATE RISK REDUCTION AND SUSTAINABILITY OBJECTIVES?

Martin Obermaier, Yun Jia Lo, Maria Carmen Lemos

11:15 ADAPTATION GOOD PRACTICE: USING CASE STUDIES TO HELP BREAKDOWN BARRIERS

David Rissik, Nev Reis

11:30 FROM ISLANDS OF SUCCESS TO A SEA OF CHANGE: MOVING BEYOND CONTEXT-SPECIFIC TOOLS AND LOCAL CASE STUDIES INTO SCALABLE ADAPTATION

Marie-Caroline Badjeck, Mary-Ann Wilson, Jennifer Ardiel

11:45 DEVELOPING INDICATORS TO ASSESS ADAPTATION EFFECTIVENESS: THE APPROACH IN ENGLAND

Martin Parry, Lola Vallejo

Session 24 Theme D: Ecosystem-based Adaptation in Latin America

Room: Vasco da Gama

Conveners: Jason Spensley, UNEP

10:30 ECOSYSTEM BASED ADAPTATION IN PERU

Edith Fernandez-Baca

10:45 ECOSYSTEM-BASED ADAPTATION OPTIONS FOR SMALLHOLDER FARMERS IN CENTRAL AMERICA

M. Ruth Martínez-Rodríguez, Celia Harvey, Raffaele Vignola, Pável Bautista, Camila Donatti, Milagro Saborío-Rodríguez

11:00 ECOSYSTEM BASED ADAPTATION IN TWO HIGHLY DIVERSE REGIONS IN THE PERUVIAN AMAZON

Renzo Piana

11:15 EVALUATING THE COST-EFFECTIVENESS OF ECOSYSTEM-BASED ADAPTATION TO CLIMATE CHANGE IN ARID LANDS IN SOUTH

David Hole, Ancois Carien de Villiers, Amanda Bourne, Nalini Rao

11:30 ECOSYSTEM-BASED ADAPTATION IN ACTION: ENSURING SUSTAINABLE WATER SUPPLY FOR THE LONG TERM IN BOGOTA, COLOMBIA AND MENDOZA, ARGENTINA

Alfred Grunwaldt, Maricarmen Esquivel, Alejandro Deeb, Walter Vergara

Session 33 Theme E: The economics of adaptation

Room: Vinicius de Moraes

Conveners: Paul Desanker, UNFCCC

10:30 SHAPING NATIONAL ADAPTATION STRATEGIES WITH ECONOMIC TOOLS: POSSIBILITIES AND LIMITATIONS BASED ON EXPERIENCES IN GERMANY AND AUSTRIA

Clemens Haße, Martin König

10:45 A REVIEW OF ECONOMIC MODELING OF CLIMATE CHANGE IMPACTS AND ADAPTATION IN GLOBAL INTEGRATED ASSESSMENT MODELS

Xuanming Su, Kiyoshi Takahashi, Toshihiko Masui, Naota Hanasaki, Yasuaki Hijikawa, Shinichiro Fujimori, Tomoko Hasegawa, Akemi Tanaka

11:00 FUNDING PUBLIC ADAPTATION TO CLIMATE-RELATED DISASTERS ESTIMATES FOR A GLOBAL CLIMATE FUND

Stefan Hochrainer-Stigler, Reinhard Mechler, Georg Pflug, Keith Williges

11:15 ECONOMIC ASPECTS OF CLIMATE ADAPTATION - A STATE OF THE ART REVIEW

Anna Glucker, Kim van Nieuwaal

11:30 DEVELOPMENT OR ADAPTATION INVESTMENTS: CASE STUDIES FROM BOLIVIAN ANDEAN MUNICIPALITIES

Ariel Chavez, Paula Pacheco

11:45 A GLOBAL ECONOMY-CLIMATE MODEL WITH HIGH REGIONAL RESOLUTION

Anthony Smith, Per Krusell

Session 43 Theme D: . Regions and Integrated Adaptation Plans

Room: Salão Amalia Rodrigues

Conveners: Karl-Heinz Simon, CESR Germany, Barbara Hennemuth, HZG Germany

10:30 INTRODUCTION

Karl-Heinz Simon / Barbara Hennemuth

10:45 THE SYSTEMS FRAMEWORK APPLIED IN KLIMZUG "NORDWEST2050"

Stefan Gössling-Reisemann

11:00 THE INTEGRATIVE FRAMEWORK IN KLIMZUG "NORDHESSEN"

Christian Henschke

11:15 PARTICIPATORY APPROACHES IN "KLIMZUG"

Stefan Rötzel

11:30 THE CLIMATE SERVICE PARTNERSHIP (CSP) AND ITS CASE STUDY REPOSITORY

Cathy Vaughan

Session 10 Theme B: Private sector Finance for Adaptation

Room: Iracema

Conveners: Jason Spensley, UNEP

16:00 CLIMATE CHANGE RESILIENCE INDEX FOR PRIVATE INVESTMENT

David Greenall, Jean-Christophe Amado, Vladimir Stenek

16:15 THE CLIMATE ADAPTATION BUSINESS CHALLENGE: A STEPWISE APPROACH TO STIMULATE INNOVATION AND BUSINESS BASED ON CLIMATE ADAPTATION KNOWLEDGE

Sonja Döpp, Kees van Deelen, Pier Vellinga

16:30 SYSTEMATIZATION OF ECOSYSTEM-BASED ADAPTATION MEASURES FOR THE MICROFINANCE SECTOR

Jacinto Buenfil

16:45 MICROFINANCE FOR ADAPTATION: PREPARING THE GROUND - UNDERSTANDING CLIMATE RISKS, INCLUDING ECOSYSTEM BASED ADAPTATION

Christoph Jungfleisch

17:00 TOWARDS RURAL RESILIENCE: AN INTEGRATED RISK MANAGEMENT APPROACH FOR ADAPTATION AND SMART RISK TAKING

Mansi Anand

Session 25 Theme D: Climate adapted engineering

Room: Salão Vasco da Gama

Conveners: E.Mario Mendiando, USP-Sao Carlos, Brazil

16:00 RISK-BASED ADAPTATION ANALYSIS OF INFRASTRUCTURES IN LATIN AMERICA.

Luca Garre

16:15 THE CONTRIBUTION OF HYDROPOWER INFRASTRUCTURES TO DISASTER RISK REDUCTION AND CLIMATE CHANGE ADAPTATION IN AN ALPINE ENVIRONMENT - EXAMPLES FROM AUSTRIA.

Matthias Huttenlau, Manuel Plörer, Stefan Achleitner, Christian Zangerl, Christoph Prager, Katrin Schneider

16:30 CLIMATE ADAPTATION MEASURES TO REDUCE VULNERABILITY OF AUSTRALIAN POWER DISTRIBUTION INFRASTRUCTURE.

Paraic Ryan, Mark Stewart, Nathan Spencer

16:45 VIAGUA: VULNERABILITY OF WATER RESOURCES ENGINEERING UNDER CLIMATE CHANGE

Luiz Garrote

17:00 A MULTI-SCALE ADAPTATION NEXUS FOR RESILIENT NATIONAL BUILT ASSETS TO REDUCE CLIMATE RISKS AND MITIGATE DISASTER

Xiaoming Wang, Mark Stafford Smith

17:15 STRATEGIC FRAMEWORK FOR INFRASTRUCTURE ADAPTATION TO GLOBAL CHANGE IN CHILE

Jorge Gironás, Sebastián Vicuña, Francisco Meza, Guillermo Donoso, Luis Cifuentes

Session 31 Theme E: Delivering information about climate and climate impacts for users

Room: Salão Eça de Queiroz

Conveners: Christine Kirchhoff, Univ. of Connecticut, USA

16:00 AGROCLIMATE DECISION SUPPORT SYSTEM: FROM WEB-BASED SOLUTIONS TO MOBILE APPS.

Clyde Fraisse, Jose Andreis, Willingthon Pavan

16:15 A GUIDE FOR DECISION-MAKERS: COMMUNICATING CLIMATE INFORMATION THROUGH AN UNDERSTANDING OF USER NEEDS.

Isabelle Charron, Diane Chaumont

16:30 COMMUNICATION WITH STAKEHOLDERS IN ICA-RUS (INTEGRATED CLIMATE ASSESSMENT - RISKS, UNCERTAINTIES AND SOCIETY) PROJECT

Kiyoshi Takahashi, Kensuke Fukushi, Yoshie Maeda, Kenta Iwase, Masashi Sato, Tokuta Yokohata, Seita Emori

16:45 THE STORY OF A BOUNDARY ORGANISATION IN ADAPTATION: REFLECTIONS ON THE FIRST PHASE OF NCCARF

Jean Palutikof, David Rissik, Sarah Boulter

17:00 PACIFIC CLIMATE FUTURES: TAILORED CLIMATE PROJECTIONS FOR IMPACT ASSESSMENT AND IN-COUNTRY CAPACITY BUILDING

John Clarke

17:15 FRAMING CLIMATE INFORMATION THROUGH CRITERIA FOR RESPONSIBLE APPLICATION

Bruce Hewitson

17:30 METHODOLOGICAL CHOICES IN PROBLEM-ORIENTED ADAPTATION RESEARCH

Jochen Hinkel, Alexander Bisaro

Session 40 Theme D: The Shift from Adaptation to Transformation

Room: Salão Jose de Alencar

Conveners: Lisa Schipper (Independent), Jochen Hinkel (Global Climate Forum)

16:00 IS TRANSFORMATION THE NEW ADAPTATION?

Lisa Schipper

16:15 TRANSFORMATIONAL ADAPTATION IN INDIGENOUS COMMUNITIES: A FRAMEWORK TO SUPPORT POSITIVE RESPONSES TO EXTREME OR RAPID ENVIRONMENTAL CHANGE

Claudia Combetti, Thomas Thornton

16:30 CURRENT TRENDS OF RESEARCH ON VULNERABILITY AND ADAPTATION: MAPPING THE SPEECHES FOR BEST APPLICATION TO THE NEEDS OF THE DEVELOPING COUNTRIES

Ana Araujo

16:45 RISKS ASSOCIATED WITH THE PRODUCTION AND CONSUMPTION OF MEAT IN BRAZIL: NGO PARTICIPATION IN THE LIVESTOCK TRANSFORMATION

Janaina Michelini

17:00 PRINCIPLES IN SUPPORTING TRANSFORMATIONAL ADAPTATION: LESSONS FROM AUSTRALIAN AGRICULTURE

Anne-Maree Dowd, Lauren Rickards, Mark Howden, Aysha Fleming, Emma Jakku, Estelle Gaillard, Carol Farbotko, Rebecca Clunn

17:15 THE DIFFICULT PROBLEMS REMAIN DIFFICULT NO MATTER WHAT WE CALL THEM

Jochen Hinkel

Session 46 Theme D: PULSE-Brazil – A platform for making climate change knowledge more accessible to adaptation decision-makers in Brazil

Room: Salão Jose de Alencar

Conveners: Jose Marengo, INPE, Peter Cox, Univ of Exeter

12:00 PULSE-BRAZIL: A UK-BRAZIL PROJECT TO PROVIDE INFORMATION FOR ADAPTATION TO A CHANGING CLIMATE

Peter Cox, Jose Marengo, Richard Betts, Duarte Costa, Neil Kaye and the PULSE team

12:20 IMPACTS OF CLIMATE EXTREME ON ECOSYSTEMS AND HUMAN HEALTH IN BRAZIL: VULNERABILITY AND ADAPTATION IN THE AMAZON REGION AS STUDIED USING PULSE-BRAZIL

Luiz Aragao, Jose Marengo, Lincoln Alves, Duarte Costa, Patricia Pinho, Peter Cox, Richard Betts, Sandra Hacon

12:40 PULSE-BRAZIL: A WEB PLATFORM FOR UNDERSTANDING CLIMATE IMPACTS ON ECOSYSTEMS AND HUMAN HEALTH IN BRAZIL-WEB DEMONSTRATION

Duarte Costa, Lincoln Alves

Session 43 Theme D: Regions and Integrated Adaptation Plans

Room: Salão Amalia Rodrigues

Conveners: Karl-Heinz Simon, CESR Germany, Barbara Hennemuth, HZG Germany

16:00 INTRODUCTION

Karl-Heinz Simon / Barbara Hennemuth

16:15 THE SYSTEMS FRAMEWORK APPLIED IN KLIMZUG "NORDWEST2050"

Stefan Gössling-Reisemann

16:30 THE INTEGRATIVE FRAMEWORK IN KLIMZUG "NORDHESSEN"

Christian Henschke

16:45 PARTICIPATORY APPROACHES IN "KLIMZUG"

Stefan Rötzel

17:00 THE CLIMATE SERVICE PARTNERSHIP (CSP) AND ITS CASE STUDY REPOSITORY

Cathy Vaughan

Session 44 Theme D: Impacts of and adaptation to global change in Amazonia.

Room: Salão Fernando Pessoa

Conveners: Bart Kruijt, ALTERRA, Wageningen The Netherlands, Laszlo Nagy, LBA-INPA, Brazil

16:00 AMAZALERT: RAISING THE ALERT ON CRITICAL TRANSITIONS IN THE AMAZON

Bart Kruijt, Celso von Randow,, and the AMAZALERT project members

16:15 SYNERGISTIC IMPACTS OF DEFORESTATION, CLIMATE CHANGE AND FIRE ON THE FUTURE BIOMES DISTRIBUTION IN AMAZONIA: IMPLICATIONS FOR NATURAL VEGETATION AND ECOSYSTEM SERVICES

Sampaio, G.

16:30 EFFECTS OF CHANGING EXTREME EVENTS ON THE SOCIAL-ECOLOGICAL DYNAMICS OF COPING IN THE AMAZON

Patricia Pinho, Mark Stafford Smith

16:45 FOREST FIRES, CLIMATE CHANGE AND COMMUNITY-BASED FIRE MANAGEMENT AS AN ADAPTATION MEASURE IN BOLIVIAN AMAZONIA

Natalia Calderón, Verónica Ibarnegaray, Carlos Pinto, Armando Rodriguez

17:00 DEVELOPING STRUCTURAL AND FUNCTIONAL SOCIETAL ADAPTATION IN THE MAP REGION OF SOUTHWESTERN AMAZONIA.

Foster Brown, George Santos, Celso Curi Paucarmaita, Juan Fernando Reyes, Vera Lucia Reis, Leonor Mercedes Perales Yabar, Hugo Leonardo Fuentes, Rachel Helena Farias, Elsa Mendoza, Antônio Willian Flores de Melo, Nemista Bejar Chura, Sonaira Souza da Silva, Gabriel Alarcón Aguirre, Paula Fonseca, Alan Pimental

17:15 PREDICTING FOOD INSECURITY UNDER CLIMATE CHANGE IN THE BRAZILIAN AMAZON

Luke Parry, Oriana Almeida, Luiz Aragão, Marcelo Cunha, Peter Diggle, André de Moraes, Sérgio Rivero, Benjamin Taylor, Ima Vieira

Session 47 Theme D: Adaptation in Brazil: Vulnerability assessment and governmental efforts in different approaches

Room: Salão Vinicius de Moraes

Conveners: Karen S. Cope, MMA, Brazil

16:00 METHODOLOGIES FOR VULNERABILITY AND ADAPTATION TO CLIMATE CHANGE: LESSONS LEARNT FROM INTERNACIONAL EXPERIENCE. GIZ - DEUTSCHE GESELLSCHAFT FÜR INTERNATIONALE ZUSAMMENARBEIT.

Isabel Renner

16:15 ELABORATION OF BRAZILIAN NATIONAL ADAPTATION PLAN CHALLENGES AND OPPORTUNITIES

Karen Cope

16:30 CHALLENGES FOR ADAPTATION TO CLIMATE CHANGE IN FRESHWATER RESOURCES MANAGEMENT IN BRAZIL - WATER NATIONAL AGENCY

Bruno Pagnoccheschi

16:45 EXPERIENCE OF SUB-NATIONAL ADAPTATION PLAN: THE EXPERIENCE OF MINAS GERAIS STATE - MINAS GERAIS STATE ENVIRONMENT FOUNDATION

Felipe Nunes

17:00 MACROECONOMIC ASSUMPTIONS AND IT'S IMPORTANCE AND USE FOR VULNERABILITY ANALYSIS THAT SUPPORT FUTURE GOVERNAMENTAL MEASURES FOR MITIGATION AND ADAPTATION TO CLIMATE CHANGE

Régis Rathmann

May 14th

Session 9: Theme A: Urban resiliency and adaptation strategies

Room: Salão Iracema

Convener: Andrea Young, Univ. of Campinas, Brazil

10:30 THE VICTORIAN CENTRE FOR CLIMATE CHANGE ADAPTATION RESEARCH: REFLECTIONS ON THE SUCCESSES AND CHALLENGES OF FIVE YEARS WORKING ACROSS THE SCIENCE – POLICY INTERFACE IN AUSTRALIA

Darryn McEvoy, Rodney Keenan

10:45 ADAPTATION IN A GLOBAL COASTAL CITY. THE CONTRIBUTION OF REGIONAL COLLABORATION IN SYDNEY, AUSTRALIA: THE STEPS FROM VISION TO IMPLEMENTATION

Geoff Withycombe, Stephen Summerhayes

11:00 A FRAMEWORK FOR EFFECTIVE ADAPTATION TO CLIMATE CHANGE FOR COASTAL PROPERTY DEVELOPMENT IN AUSTRALIA

Alianne Rance

11:15 BIODIVERSITY AND ECOSYSTEM SERVICES IN THE METROPOLITAN REGION OF RIO DE JANEIRO: COMPARATIVE ADVANTAGE FOR ECOSYSTEM-BASED ADAPTATION

Fabio Scarano, Andrea Santos, Walfredo Schindler, Luiz Paulo Pinto, Carlos Alberto Mesquita, Israel Klabin

11: 30 COMMUNITY-BASED POLITICAL ENGAGEMENT AND GLOBAL NETWORKING FOR CLIMATE JUSTICE

Patricia E.Perkins

11:45 MODELLING THE PERFORMANCE OF INTERDEPENDENT INFRASTRUCTURE SYSTEMS DURING COASTAL INUNDATION

Xiaoming Wang, Samiul Hasan and Dimitry Val

Session 37: Theme E: Assessing vulnerability and adaptive capacity: socio-economic scenarios and integrated adaptation planning

Room: Salão Vasco da Gama

Convener: Joost Vervoost, ECI Oxford Univ, UK

10:30 PROMOTING AN INTEGRATED APPROACH TO CLIMATE ADAPTATION: LESSONS FROM THE CLIMATE RESILIENT AND INCLUSIVE COFFEE VALUE CHAIN PILOT INITIATIVE IN UGANDA

Julie Dekens, Fredrick Bagamba, Susan Bingi, Norman Ojamuge

10:45 DEVELOPMENT OF BRAZILIAN BIOETHANOL AS ANSWER OF CHALLENGE TO CLIMATE CHANGE: POLITICS AND PERFORMANCE MARKETING

Altair Aparecido de Oliveira Filho, Edgar Barassa, Flávia Luciane Consoni

11:00 THE PARTICIPATIVE CONSTRUCTION OF FUTURE SCENARIOS FOR THE DEVELOPMENT OF AN ADAPTATION PLAN TO CLIMATE VARIABILITY AND CLIMATE CHANGE IN THE MAIPO RIVER BASIN IN CHILE

Cristián Henríquez, Sebastián Vicuña, Tomás Usón

11:15 ANALYSIS OF CASSAVA FARMER HOUSEHOLDS VULNERABILITY TO CLIMATE CHANGE IN SOUTHWESTERN NIGERIA.

Olaniran Thompson, Victoria Olayinka

11:30 ASSESSING LOCAL ADAPTIVE CAPACITY- A FRAMEWORK FOR IMPACT EVALUATION STUDIES

Stefano Moncada

11:45: APPLIED ADAPTATION PATHWAYS ON THE EYRE PENINSULA, SOUTH AUSTRALIA

Mark Siebentritt, Cecilia Woolford, Brian Foster, Nicole Halsey

Session 20 Theme C: Warming above 4°C: Understanding Adaptation and communicating the risks, impacts on natural ecosystems and policy making transformation

Room: Salão Eça de Queiroz

Convener: Dave Rissik, NCCARF, Australia

10:30 GROWING NOW THE FORESTS FOR OUR BIODIVERSE, CARBON-RICH AND WEALTHY FUTURE >4°C

Jean-Baptiste Pichancourt, Jennifer Firn, Iadine Chades, Tara Martin

10:45 POSSIBLE CHANGES ON DRY SEASON DURATION AND FOREST FIRE RISK OVER THE AMAZON UNDER A HEAVY-EMISSION CLIMATE CHANGE SCENARIO

Alexandre Costa, Domingo Cassain Sales, Francisco das Chagas Vasconcelos Jr., Sullyandro Guimarães

11:00 WHAT LEGAL OPTIONS ARE AVAILABLE TO MANAGE OR MINIMISE THE PROFOUND EFFECTS OF >4C OF WARMING ON NATURAL ECOSYSTEMS IN AUSTRALIA?

Phillipa McCormack

11:15 GEOGRAPHICAL LIMITS TO CLIMATE-RELATED BIODIVERSITY SHIFTS

Michael Burrows, Elvira Poloczanska, Jorge Garcia Molinos, David Schoeman, Anthony Richardson

11:30 SOCIO-POLITICAL SCENARIOS FOR THE YEARS 2030 AND 2060 IN THE BOLIVIAN ALTIPLANO IN A FOUR-DEGREE-WORLD

Dirk Hoffmann, Cecilia Requena

Session 27: Theme D: Adaptation in coasts, deltas and small islands

Room: Salão Jose de Alencar

Convener: Jochen Hinkel, Global Climate Forum

10:30 SEA FLOODING AND MIGRATION IN COASTAL DELTAS. THE CASE OF DANGBE EAST DISTRICT, GHANA.

Samuel Nii Ardey Codjoe, Felix Nyamedor

10:45 CLIMATE CHANGE IMPACT ON WOMEN'S LIVELIHOOD IN THE COASTAL AREAS OF BANGLADESH: VULNERABILITIES VERSUS ADAPTABILITIES

Muhammad Asaduzzaman, Salim Momtaz, Meg Sherval

11:00 COASTAL FLOOD DAMAGE AND ADAPTATION COSTS UNDER 21ST CENTURY SEA-LEVEL RISE

Jochen Hinkel

11:15 PATTERNS OF CABOCLO PERCEPTIONS AND RESPONSES TO FLOOD REGIME CHANGES ACROSS THE AMAZON ESTUARY

Nathan Vogt, Miguel Vasquez-Pinedo, Eduardo Brondizio, Fernando Ribeiro, Katia Fernandes, Oriana Almeida, Sergio Rivero

Session 29: Theme D: Changing risks landscapes

Room: Salão Fernando Pessoa

Convener: Laura Canevari, Acclimatise, UK

10:30 THE ROLE OF THE PRIVATE SECTOR IN FRAMING ADAPTATION SOLUTIONS.

Laura Canevari

10:45 SUPPORTING CLIMATE CHANGE ADAPTATION IN SMALL AND MEDIUM ENTERPRISES.

Steven Wilson

11:00 PROADAPTA SERTAO - PROVIDING CLIMATE FINANCE TO FAMILY FARMERS IN BAHIA, BRAZIL.

Daniele Cesano

11:15 FACILITATED DISCUSSION AND DEVELOPMENT OF CONCEPTUAL MAP OF THE INTERACTIONS BETWEEN PRIVATE SECTOR ACTORS AND THEIR SPHERES OF INFLUENCE

Session 36: Theme E: The interface between adaptation and mitigation, and adaptation in Tourism

Room: Salão Vinicius de Moraes

Convener: Mark New, Univ of Cape Town, South Africa

10:30 COOLING: DEVELOPMENT AND PROMOTION OF BEST PRACTICE IN FRANCE, AN EXAMPLE OF AN INTEGRATED APPROACH TO ADAPTATION AND MITIGATION

Céline Phillips

10:45 LOW CARBON RESILIENT DEVELOPMENT IN THE LEAST DEVELOPED COUNTRIES: THE POLITICAL ECONOMY OF PLANNING FOR ADAPTATION AND MITIGATION

Susannah Fisher

11:00 VALUATION OF CARBON BALANCE FROM LAND USE/COVER AND CLIMATE CHANGES SCENARIOS ON THE NORTHERN COAST OF SÃO PAULO, BRAZIL

Bruna Pavani, Wilson Sousa Junior, Carlos Inouye, Simone Vieira, Allan Iwama

11:15 CHALLENGES OF COMMUNITY TOURISM TO ADAPT TO CLIMATE CHANGES: PERSPECTIVES ON JERICOACOARA (NE BRAZIL)

Paulo Sousa, Luzia Neide Coriolano

11:30 CLIMATE CHANGE AND ITS IMPACT ON NATURE BASED TOURISM IN HIMALAYA: ADAPTATION THROUGH MULTI-STAKEHOLDERS GOVERNANCE

Bhagwati Joshi, Prakash Chandra Tiwari

11:45 COMPETING VISIONS OF DISASTER RISK MANAGEMENT AND CLIMATE CHANGE ADAPTATION: EVIDENCE AND IMPLICATIONS FROM CARIBBEAN COASTAL TOURISM

Roché Mahon, Hamish Rennie, Gary Steel

12:00 NEITHER MITIGATION NOR ADAPTATION: THE IMPACT OF ECONOMIC GROWTH AND URBAN DEVELOPMENT IN RECIFE AND SANTA CRUZ DO CAPIBARIBE, PERNAMBUCO

Edinéa Alcântara, Edneida Rabêlo Cavalcanti

Session 21: Theme D: The nexus of development and security particularly in arid and semiarid conflict-prone regions

Room: Salão Iracema

Convener: Ursula Spring Oswald, UNAM, Mexico

14:00 CLIMATE AND SECURITY: EVIDENCE, EMERGING RISKS AND A NEW RESEARCH AGENDA

Francois Gemenne

14:15 THE DEVELOPMENT AND SECURITY NEXUS IN ARID AND SEMI-ARID CONFLICT-PRONE REGIONS: SECURITIZING LAND DEGRADATION BY MOVING TOWARDS A PROACTIVE SOIL SECURITY CONCEPT

H.G. Brauch

14:30 CONFLICTS ABOUT WATER IN LAKE CHAD: ARE ENVIRONMENTAL, VULNERABILITY AND SECURITY ISSUES LINKED?

Uche Okpara

14:45 CLIMATE CHANGE AND HUMAN SECURITY IN MEXICO FOR REDUCING SOCIAL AND ENVIRONMENTAL VULNERABILITY

Úrsula Oswald Spring

15:00 ADAPTATION TO CLIMATE CHANGE AND INTERNATIONAL SECURITY IN SOUTH AMERICA

Eduardo Viola

15:15 ENERGY MANAGEMENT AS A MITIGATION AND ADAPTATION STRATEGY IN THE INDUSTRIAL SECTOR OF CALDAS, COLOMBIA

Olga Ocampo

Session 23: Theme D: Climate extremes and disaster management

Room: Salão Vasco da Gama

Convener: Paulina Aldunce, University of Chile and (CR)2, Chile

14:00 BRINGING IT 'HOME': THE IMPOTENCE OF ADAPTATION IN DEVOLVING RESPONSIBILITY FOR DROUGHT.

Tamara Sysak, Ruth Beilin

14:15 THE AMAZONIA SECURITY AGENDA: A NOVEL, INTEGRATED APPROACH TO MANAGING HUMAN SECURITY IMPACTS OF CLIMATE CHANGE EXTREMES IN AMAZONIA AND BEYOND.

Claudia Comberti, Helen Bellfield, Niki Mardas

14:30 ORGANIZAÇÃO DOS SERVIÇOS URBANOS DE SAÚDE FRENTE À MUDANÇA DO CLIMA E AO RISCO DE DESASTRES NA AMÉRICA LATINA

Carlos Pereira and Martha Barata

14:45 STUDYING TRENDS AND PROJECTIONS OF GLOBAL DISASTER LOSSES AND CLIMATE CHANGE: IS VULNERABILITY THE MISSING LINK?

Reinhard Mechker

15:00. AN EVALUATION OF THE EFFECTIVENESS OF EARLY WARNING SYSTEMS IN THE MANAGEMENT OF FLOOD DISASTERS IN NIGERIA

Olorunfemi, F., Olokesusi, F. and Onwuemele, A

15:15 AUSTRALIAN DISASTER NARRATIVES: THE SHIFTING CONTINUUM BETWEEN RISK AND RESILIENCE UNDER CLIMATE CHANGE.

Ruth Beilin, Paulina Aldunce, Tarnya Kruger, Jana Paschen, Karen Reid

15:30 CHARACTERIZATION AND PREDICTABILITY OF EXTREME PRECIPITATION FOR SELECTED STATIONS IN ZIMBABWE

R. Mugandani, C.T. F. Murewi, D. Manatsa, C. Changoroma, B. Sammie, V. Makuvaro, S.F Zirebwa, E.N. Moyo, E.T. Mupfiga

Session 30: Theme D: Adaptation-development nexus in rapidly growing urban areas

Room: Salão Eça de Queiroz

Convener: Cynthia Rosenzweig, NASA GISS and Columbia University, USA

14:00 ANALYSIS OF THE IMPACT OF CLIMATE CHANGE IN COASTAL AREAS OF THE RIO DE LA PLATA: PREVENTION AND ADAPTATION ACTIONS (RIBERAS PROJECT): ADVANCING ON LOCAL URBAN CLIMATE CHANGE.

Florencia Almansi, Jorgelina Hardoy

14:15 CLIMATE CHANGES AND VULNERABILITY OF URBAN ECOSYSTEMS IN HIGH MOUNTAINS: AN ILLUSTRATION OF URBAN POOR'S COPING MECHANISM IN HIMALAYA.

Prakash Chandra Tiwari, Bhagwati Joshi

14:30 MODELLING THE SPATIAL DYNAMICS OF LAND USE AND ADAPTATION STRATEGIES IN THE NORTH COAST OF SÃO PAULO, BRAZIL.

Carlos Eduardo Nakao, Wilson Cabral de Souza Júnior, Débora M. de Freitas

14:45 WATER AND CARBON FOOTPRINTS AS TOOLS FOR URBAN CLIMATE-SENSITIVE DEVELOPMENT PLANNING

Miguel Rodríguez Tejerina

15:00 A GEOSPATIAL DECISION SUPPORT SYSTEM AND ITS INSTITUTIONALIZATION FOR CLIMATE INDUCED URBAN RISK GOVERNANCE IN HIMALAYA

Prakash Chandra Tiwari, Bhagwati Joshi

Session 45: Theme D: Impacts of Climate Change to Housing & Real Estate

Room: Salão Fernando Pessoa

Convener: Sven Bienert, Universität Regensburg, Germany

14:00 EXTREME WEATHER EVENTS AND PROPERTY VALUES: ASSESSING NEW INVESTMENT FRAMEWORKS FOR THE DECADES AHEAD

Sven Bienert

14:15 REPORT ON THE FEASIBILITY OF THE REAL ESTATE-CLIMATE CHANGE IMPACTS IN BRAZIL (RECCIB) PROJECT

Jens Hirsch

14:30 USING PARTICIPATORY GIS IN VULNERABILITY AND DISASTER RISK REDUCTION: A CASE STUDY FROM GRENADA

Laura Canevari

14:45 METODOLOGIA PARA INDICADORES DE VULNERABILIDADE A EXTREMOS CLIMÁTICOS: O CASO DO ESTADO DO PARANÁ

Manyu Chang

15:00 RISK-BASED DECISION-SUPPORT FOR CLIMATE CHANGE ADAPTATION OF THE URBAN WATER INFRASTRUCTURE IN THE ALPINE CITY OF INNSBRUCK – AUSTRIA

Matthias Huttenlau

15:15 ADAPTATION IN PROPERTY DEVELOPMENT: FACILITATING CROSS-SECTORAL KNOWLEDGE SHARING

Alianne Rance

May 15th

Session 13: Theme B: Living with drought and climate change in the semiarid lands of the world, and the use of seasonal climate-hydrological extremes in semiarid regions

Room: Salão Iracema

Convener: Elena Abraham, IADIZA, Argentina

10:30 SCIENCE-POLICY DIALOGUE AND ADAPTATION: FACING SHORT, MEDIUM AND LONG TERM SCENARIOS IN MENDOZA, ARGENTINA

Facundo Martín, Elma Montaña, Paula Mussetta, Mario Salomón, Christopher Scott

10:45 SUSTAINING PEOPLE IN DRYLAND ECOSYSTEM: ADAPTATION AND RESILIENCE OF BIOPHYSICAL AND SOCIAL LANDSCAPES OF CAATINGA ECOSYSTEM AT PERNAMBUCO STATE

Patricia Pinho, Jean Pierre Ometto, Romulo Meneses, Karina Guedes

11:00 FOOD SECURITY, DROUGHT AND SOCIAL POLICY IN NE BRAZIL: BUILDING ADAPTIVE CAPACITY AT THE HOUSEHOLD LEVEL

Don Nelson, Maria Carmen Lemos, Hallie Eakin, Yun Jia Lo

11:15 ADAPTING THE AUSTRALIAN GRASSLAND AND LIVESTOCK INDUSTRY TO CLIMATE CHANGE BY SYSTEMIC ADAPTATION: VALUE OF ADAPTATION AT CROSS- REGIONAL SCALE

Afshin Ghahramani and Andrew D.Moore

11:30 DRYLANDS, PASTORALISM AND CLIMATE CHANGE: ENABLING AUTONOMOUS ADAPTATION IN KENYA

Julliette Ogubi, Yobo Rutin and Joseph Mbatha

Session 14: Theme B: International adaptation activities and trans-boundary cooperation for adaptation

Room: Salão Vasco da Gama

Convener: Ian Noble

10;30 MULTI-NATIONAL CORPORATIONS AND ADAPTATION TO CLIMATE CHANGE: DRIVERS, LIMITS AND IMPLICATIONS

Alina Averchenkova, Florence Crick, Adriana Kocornik-Mina, Hayley Leck, Swenja Surminski

10:45 AGUASCAPES - A COMPARATIVE BASIN ASSESSMENT FOR THE ARID AMERICAS

Francisco Meza, Christopher Scott, Melanie Oertel

11:00 NETWORKED KNOWLEDGE SYSTEMS IN THE ARID AMERICAS AND BEYOND

Christopher Scott, Francisco Meza, Facundo Martin, Paula Mussetta, Bram Willems, Alfredo Ribeiro, Nicolás Pineda, Rolando Díaz, Willem van Leeuwen

11:15 A COMPARATIVE ANALYSIS OF INTERNATIONAL FINANCIAL MECHANISMS FOR ADAPTATION TO CLIMATE IMPACT: WITH PRIMARY ATTENTION ON HOW TO PRIORITIZE COUNTRIES/ PROJECTS

Izumi Kubota

11:30 ADAPTATION WITHOUT BORDERS? INTRODUCING A CONCEPTUAL FRAMEWORK FOR CONSIDERING THE INDIRECT IMPACTS OF CLIMATE CHANGE AND THE INTERNATIONAL DIMENSIONS OF ADAPTATION

Magnus Benzie

Session 15: Theme B: Enhancing local governance for risk management and adaptation

Room: Salão Eça de Queiroz

Convener: José Daniel Pabon Caicedo CIIFEN, Ecuador

10:30 OF CLOUDS AND CLOCKS: AN APPROACH TO THE PROBLEM OF UNCERTAINTY IN LOCAL SCALE CLIMATE CHANGE ADAPTATION IN IRELAND

Stefan Gray, Barry O'Dwyer, Steven Gray, Cathal O'Mahony, Jeremy Gault

10:45 INSTITUTIONAL CAPITAL AND ADAPTATION IN THE BRAZILIAN AMAZON: INSTITUTIONAL AND PUBLIC POLICIES ANALYSIS OF (FAMILY FARMING) VULNERABILITY REDUCING IN ACRE

Juliana Dalboni Rocha, Diego Lindoso, Flávio Eiró, Marcel Bursztyn

11:00 VULNERABILITY ASSESSMENT AND CLIMATE PROOFING FOR LOCAL DEVELOPMENT PLANNING IN MOZAMBIQUE

Rui Brito, Erik Salas, Dennis Eucker, Branquinho Manhonha

11:15 BEYOND URBAN-RURAL BOUNDARIES: ENCOURAGING INTER-MUNICIPAL COLLABORATION FOR CLIMATE CHANGE ADAPTATION IN KWAZULU-NATAL, SOUTH AFRICA

Hayley Leck,, Florence Cric

11:30 ENHANCING ADAPTIVE CAPACITIES THROUGH INTEGRATED LOCAL AND REGIONAL RISK GOVERNANCE- A BLENDED APPROACH AND CASE STUDY FROM AUSTRIA

Angela Michiko Hama, Andreas Koler, Stefan Ortner

Session 34: Theme E: Communication of information for adaptation, risk assessment and behavioural change

Room: Salão Jose de Alencar

Convener: Diana Liverman, Univ. of Arizona, USA

10:30 DAMMING THE FLOW: A CROSS-CULTURAL DISCOURSE ANALYSIS OF MEDIA, ENVIRONMENTAL ADAPTATION AND CHANGE IN AUSTRALIA AND BRAZIL

Ruth Beilin, Antonio Almeida, Amanda Lo Cascio, Edson Correa

10:45 CHANGING CLIMATE CHANGE RISK AND ADAPTATION COMMUNICATION STRATEGY: EVIDENCE FROM ADAPTATION BEHAVIOURAL CHANGE MODELLING OF SMALLHOLDER FARMERS IN SUDAN SAVANNAH ZONE OF GHANA

John Appah

11:00 LIFE AND TIME PROLIFERATION - CLIMATE CHANGE COMMUNICATION PROJECT AND OUTREACH ACTIVITIES

Taina De Luccas, Michele Gonçalves, Carolina Cantarino, Susana Dias

11:15 COMMUNICATING CLIMATE CHANGE ADAPTATION AND DISASTER RISK REDUCTION: INSIGHTS INTO AN AUSTRIAN APPROACH FOR FACILITATING ADAPTATION ACTION

Maximilian Riede, Steffen Link, Lars Keller, Brigitte Eder

11:30 ASSESSING THE EFFECTIVENESS OF CLIMATE CHANGE COMMUNICATION IN PROMOTING ENGAGEMENT WITH CLIMATE SCIENCE AND ADAPTATION

Gregor Vulturius, Åsa Gerger Swartling, Karin André

11:45 CREATIVE CLIMATE COMMUNICATIONS: APPRAISING EXPERIMENTAL LEARNING TOOLS FOR COMMUNITY-BASED ADAPTATION

Maxwell Boykoff, Pablo Suarez, Janot Mendler de Suarez, Bettina Koelle

Session 38: Theme E: Measuring whether adaptation is happening

Room: Salão Jose de Alencar

Convener: Ragne Low, ClimateXChange Scotland Timo Leiter, GIZ

10:30 HOW TO TRACK CLIMATE CHANGE ADAPTATION.

Malcolm Araos on behalf of James Ford, Lea Berrang Ford

10:45 TRACKING ADAPTATION AND MEASURING DEVELOPMENT (TAMD)- A META-ANALYSIS OF HOW TAMD IS BEING APPLIED IN LEAST DEVELOPED COUNTRIES.

Simon Anderson on behalf of Neha Rai

11:00 GIZ'S EXPERIENCE WITH DEVELOPING NATIONAL ADAPTATION M&E SYSTEMS

Timo Leiter

11:15 PUTTING THE 'L' IN M&E: HOW CAN WE PLACE LEARNING AT THE HEART OF MONITORING AND EVALUATION FOR CLIMATE ADAPTATION?

Patrick Pringle, Roger Street

11:30 THINK GLOBALLY, ACT LOCALLY, MEASURE NATIONALLY? THE USE OF EXISTING NATIONAL INDICATOR SYSTEMS TO MEASURE ADAPTATION EFFECTIVENESS.

Samantha Boardley

11:45 RESPONSES TO CLIMATE VARIABILITY AND EXTREME WEATHER EVENTS IN THE BRAZILIAN SEMIARID REGION

Diego Lindoso, Gabriela Litre, Flavio Eiró, Juliana Rocha, Saulo Rodrigues-Filho

Session 39: Theme E: Climate-adapted policy objectives

Room: Salão Fernando Pessoa

Convener: Mark Stafford Smith, CSIRO Australia

10:30 SCALES OF ADAPTATION FOR NATURAL SYSTEMS IN AUSTRALIA.

Craig James, Alistair Hobday, Kristen Williams, Russel Wise, John Oakeshott

10:15 INTERNATIONAL ADAPTATION AID: FROM INCREMENTAL TO TRANSFORMATIONAL CHANGE?

Romain Weikmans, Edwin Zaccai

10:45 WAYS FOR ON-THE-GROUND PROGRESS IN CLIMATE CHANGE ADAPTATION POLICY: THE CASE OF CLIMATE CHANGE RELATED FLOODING IN THE FLEMISH REGION, BELGIUM

Ingrid Coninx

11:00 TRANSFORMATION INTO A CLIMATE-RESILIENT GERMANY ACHIM DASCHKEIT, PETRA MAHRENHOLZ - GERMAN FEDERAL ENVIRONMENT AGENCY (UBA), DESSAU-ROßLAU/GERMANY.

Achim Daschkeit, Petra Mahrenholz

11:15 REQUIREMENTS FOR A SUSTAINABLE MANAGEMENT OF ECOSYSTEM SERVICES.

Christin Haida, Michiko Hama, Karl-Michael Höferl, Rudolf Sailer, Ulrike Tappeiner

Session 42: Theme D: Adaptation in climate change hot spots of Africa and Asia

Room: Salão Vinicius de Moraes

Convener: Blane Harvey, International Development Research Centre, Canada

10:30 WOMEN AND CLIMATE CHANGE ADAPTATION: AN ILLUSTRATION OF INDIGENOUS WOMEN'S ADAPTATION PRACTICES TO CLIMATE CHANGE IN HIMALAYA.

Bhagwati Joshi, Prakash Chandra Tiwari

10:45 DELTAIC ENVIRONMENTS, VULNERABILITY AND CLIMATE CHANGE: THE ROLE OF MIGRATION AS AN ADAPTATION AND ITS POLICY IMPLICATIONS (DECCMA).

Craig Hutton, Robert Nicholls

11:00 ADAPTATION AT SCALE IN SEMI-ARID REGIONS

Mark New

11:15 FUTURE DIRECTIONS FOR ADAPTATION RESEARCH IN THE GLACIER AND SNOWPACK DEPENDENT RIVER BASINS OF THE HIMALAYA: THE HI-AWARE PROGRAMME

Hester Biemans, Philippus Wester, Suruchi Bhadwal, Abu Syed, Muhammed Yasin, Christian Siderius

11:30 PATHWAYS TO RESILIENCE IN SEMI-ARID ECONOMIES

Pius Yanda

May 16th

High Level Workshop on Drought Policies

Room: Salão Master I

9:00 – 10:00: Opening Ceremony

Chair: Francisco José Teixeira, *Minister of National Integration, Brazil*

Cid Ferreira Gomes, *Governor of Ceará, Brazil*
Mariano Francisco Laplane, *President of CGEE, Brazil*
Deborah Wetzel, *Director of The World Bank in Brazil*
Saleem el Huq, *PROVIA – Programme of Research on Climate Change Vulnerability, Impacts and Adaptation*
José Marengo, *Chair of the Adaptation Futures Conference, INPE – Instituto Nacional de Pesquisas Espaciais*

10:00 – 10:45: **Keynote Speech: Changing the Drought Management Paradigm: The Role of National Drought Policies**
Donald Wilhite, *University of Lincoln, Nebraska, USA:*

10:45 – 12:15: **High Level Panel of the United Nations Agencies** (*invited by the Minister of Integration*)

Chair: Francisco José Teixeira, Minister of National Integration, Brazil

Michel Jarraud, *Secretary General, WMO*
Monique Barbut, *Executive Secretary, UNCCD*
José Graziano da Silva, *Secretary General, FAO*

12:15 – 14:00: **Lunch**

14:00 – 15:30: **Panel I: National Drought Policies – International Perspectives**

Chair: Antonio Divino Moura, Director INMET, Brazil

Mannava Sivakumar (Editor-in-Chief, Weather and Climate Extremes (Elsevier)
Representative of FAO
Dorte Verner, IDB
Elena Abraham, IADIZA, Argentina

15:30 – 16:00: **Keynote Speech: Climate Prediction and Drought Policies in Brazil: the Experience of 2012-2013**
Carlos Nobre (*SEPED-Ministry of Science and Technology, Brazil*)

16:00 – 17:30: **Session II: National Drought Policies – National Perspectives**

Chair: José Machado (*Ministry of National Integration, Brazil*)

Erwin De Nys, *World Bank Brazil*

Joaquin Andreu Álvarez, Universidad Politécnica de Valencia, *Spain*

Mario López Pérez, CONAGUA, *Mexico*

17:30 – 18:00: **Closing Ceremony:** MI, MCTI, CGEE, WB, INPE, PROVIA