

Day 1 - 29th SEPTEMBER, 2014

9.00-10.00	<p>Welcome Address A.NAVARRA, SISC President Saluti di B. DEGANI, Sottosegretario al Ministero dell'Ambiente, della Tutela del Territorio e del Mare C. CARRARO, President, Ca' Foscari University of Venice - co-chair, Scientific Committee SISC Annual Conference S. MASINA, co-chair, Scientific Committee SISC Annual Conference</p> <p>Plenary Lecture Climate Change: Too late for 2°C? T. STOCKER, University of Bern - IPCC WGI co-chair</p> <p>ROOM Silvio Trentin - first floor</p>
------------	---

	Parallel sessions MITIGATION POLICIES & STRATEGIES	Parallel sessions ADVANCES IN CLIMATE SCIENCE	Parallel sessions VULNERABILITY, RISK ASSESSMENT and ADAPTATION TO CLIMATE CHANGE
	Climate change mitigation strategies Chair: G. Galluccio, CMCC ROOM Silvio Trentin - first floor	Climate variability & climate change I Chair: A. Pasini, CNR ROOM A - ground floor	Economic value of adaptation strategies Chair: R. Cervigni, WB ROOM B - ground floor
10.00-10.20	Mitigating GHG emissions in subnational contexts: the case of the city of Rio de Janeiro <i>E. La Rovere (Federal University of Rio de Janeiro)</i>	A simple explanation for climate variations in the Sahel <i>A. Giannini (IRI)</i>	Climate change impacts and market driven adaptation: The costs of inaction including market rigidities <i>F. Bosello (FEEM)</i>
10.20-10.40	Sharing of Climate Risks across Macro Regions <i>J. Emmerling (FEEM)</i>	Projected daily precipitation characteristics change in the early 21st century in Southern Africa <i>I. Diallo (Abdus Salam ICTP)</i>	Adapting natural capital: cost-benefit challenges and indicative net present values <i>D. Moran (SRUC)</i>
10.40-11.00	Anthropic Emissions of greenhouse gas (GHG) and reference for mitigation policy of emissions in Mato Grosso (Brazil) <i>M.D. de Jesus Texeira (University of Brasilia)</i>	Linking South Asian summer monsoon and eastern Mediterranean climate in CMIP5 simulations: performance and 21st century projections <i>A. Cherchi (CMCC)</i>	The Value of Protecting Venice from the Acqua Alta Phenomenon under Different Local Sea Level Rises <i>F. Fontini (University of Padova)</i>
11.00-11.20	CO2 emissions by a university campus: assessment, uncertainties and reduction strategies <i>S. Caserini (Politecnico Milano)</i>	A Zonal View of Atmospheric Heat Transport Variability <i>G. Messori (Stockholm University)</i>	A Choice Experiment application for valuing adaptation of river services to climate change <i>D. Andreopoulos (Free University of Bolzano)</i>
11.20-11.30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>
11.30-12.00	Coffee Break Low carbon finance Chair: B. Pozzo, University of Insubria ROOM Silvio Trentin - first floor	Coffee Break Climate variability & climate change II Chair: S. Gualdi, CMCC ROOM A - ground floor	Coffee Break Risk assessment Chair: I. Portoghesi, IRSA - CNR ROOM B - ground floor
12.00-12.20	The Role of Public-Private Partnerships (PPPs) in Scaling Up Financial Flows in The Post-Kyoto Regime <i>G. Galluccio (CMCC)</i>	Turbulence regimes deduced from the analysis of observed and modeled global ocean data <i>V. Artale (ENEA)</i>	Developing climate risk and adaptation services in coastal zones: an integrated bottom-up approach applied in the North Adriatic coast <i>S. Torresan (CMCC)</i>
12.20-12.40	The Landscape of Public Climate Finance in Indonesia <i>A. Falconer (Ca' Foscari University, CPI)</i>	Storm classification for Tyrrhenian Sea and wave conditions changes over last thirty years <i>F. Paladini de Mendoza (University of Tuscia)</i>	Changing meso level response to extreme climate events in Viet Nam <i>I. Christoplos (Danish Institute for International Studies)</i>
12.40-13.00	Public-Private Partnerships in Green Energy Infrastructure Investments <i>I. Alloisio (FEEM)</i>	Regional climate simulations with COSMO-CLM over the Mediterranean area <i>P. Mercogliano (CMCC)</i>	Assessing the impacts of climate change on marine water quality through a spatially resolved risk assessment approach: the North Adriatic sea (Italy) as case study <i>A. Critto (Ca' Foscari University)</i>
13.00 - 13.20	The role of public finance in CSP: lessons from the ups and downs of CSP policies in Spain <i>G. Frisari (Ca' Foscari University)</i>	Tropical cyclone rainfall changes in response to a warmer climate and increased CO2 <i>E. Scoccimarro (INGV/CMCC)</i>	<i>Discussion</i>
13.20-13.30	<i>Discussion</i>	<i>Discussion</i>	
13:30-14:30	Lunch	Lunch	Lunch
	Parallel sessions MITIGATION POLICIES & STRATEGIES	Parallel sessions ADVANCES IN CLIMATE SCIENCE	Parallel sessions IMPACTS & IMPLICATIONS OF CLIMATE CHANGE
	Energy technologies and policies Chair: S. Caserini, PolIMI ROOM Silvio Trentin - first floor	GHG & solar variability: past and future Chair: V. Artale, ENEA ROOM A - ground floor	Methods for assessment/quantification of climate change impacts Chair: A. Critto, Univ Ca' Foscari ROOM B - ground floor
14.30-14.50	Climate Change Mitigation and Energy Technology Costs: A Multi-model sensitivity analysis <i>G. Marangoni (FEEM)</i>	Influence of forcings and variability on recent global temperature behavior: A neural network analysis <i>A. Pasini (CNR)</i>	Fire in ice and sediments: looking for early human impacts <i>P. Zennaro (CNR - IDPA)</i>
14.50 -15.10	Distributional impact of reducing fossil fuel subsidies in Indonesia <i>L. Campagnolo (FEEM)</i>	Impact of greenhouse gases and insolation on the threshold of glacial inception <i>F. Colleani (CMCC)</i>	Could Temperature Affect the Geospeciation of Trace Elements in sediments? LATECC Project (Lagoon, Temperature and Chemical Contamination) in the Venice Lagoon <i>F. Corami (Ca' Foscari University)</i>
15.10 - 15.30	Banning Non-Conventional Oil Extraction: Would a Unilateral Move of the EU Really Work? <i>S. Carrara (FEEM)</i>	Past and future solar radiation variability and change over Sicily <i>V. Manara (University of Milan)</i>	The impacts of a changing climate on the human environment <i>G.C. Ruggeri (Lega Navale Italiana)</i>
15.30-15.50	Oil Market and Long-term Scenarios: a Nash-Cournot Approach <i>F. Sfera (CMCC)</i>	Top down emission estimates of radiatively active F-gases vs bottom up inventories <i>M. Maione (University of Urbino)</i>	Assessing the economic general equilibrium effects of sea level rise in the Italian Regions <i>G. Standardi (CMCC)</i>
15.50-16.00	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>
16.00-16.30	Coffee Break	Coffee Break	Coffee Break

	Parallel sessions VULNERABILITY, RISK ASSESSMENT and ADAPTATION TO CLIMATE CHANGE	Parallel sessions ADVANCES IN CLIMATE SCIENCE	Parallel sessions IMPACTS & IMPLICATIONS OF CLIMATE CHANGE
	Adaptation policies and strategies Chair: M. Lapi, FLA ROOM Silvio Trentin - first floor	Climate data: management & analysis Chair: A. Giannini, IRI ROOM A - ground floor	Hydrological Risk Chair: P. Faggian, RSE SpA ROOM B - ground floor
16.30-16.50	Do Political Systems Matter? Differences And Similarities In Institutional Settings That Support National Adaptation Strategies Across European States S. Venturini (Climalia)	The contribution of the homogenization in the extreme precipitation events F. Acquatta (University of Turin)	Assessing indirect expected annual loss of flooding in Italy under current and future climate L. Carrera (CMCC)
16.50-17.10	A national adaptation strategy to climate change in Italy: can the right stakeholders be engaged? M. Davide (FEEM/CMCC)	CLIME: analysing climate data in GIS environment L. Cattaneo (CMCC)	Climate Change Effects on Seawall Stability H. Mase (Kyoto University)
17.10-17.30	A methodological approach for stakeholder engagement at regional level in Climate Change Adaptation Policies J. Terradez Mas/A. Ballarin (Fondazione Lombardia Ambiente)	The Ophidia framework: toward big data analytics for climate change A. D'Anca (CMCC)	Delta change variations in extreme values of precipitation for the next century in Central Campania G. Rianna (CMCC)
17.30-17.50	Adapting to Climate Change: Bologna as Resilient City S. Castellari (CMCC)	Levels and particle size distribution of water-soluble organic compounds in the Antarctic particulate matter R. Zangrando (CNR)	Climate change impacts on the flow regime of snow-dominated rivers: case study in Lebanon I. Portoghesi (CNR)
17.50-18.00	Discussion	Discussion	Discussion
18.00-19.30	Treasure hunt in the mine of data Innovation, knowledge and climate communication ROOM Silvio Trentin - first floor - Plenary session, in Italian		
20.30	Social dinner	Social dinner	Social dinner

Day 2 - 30th SEPTEMBER, 2014

	Parallel sessions MITIGATION POLICIES AND STRATEGIES	Parallel sessions IMPACTS & IMPLICATIONS OF CLIMATE CHANGE	Parallel sessions ADVANCES IN CLIMATE SCIENCE
	Air quality and carbon reduction policies Chair: E. La Rovere, University of Rio de Janeiro ROOM Silvio Trentin - first floor	Impacts on energy, health and cultural heritage Chair: F. Bosello, FEEM/CMCC/University of Milano ROOM A - ground floor	Data analysis & modelling over Italy Chair: E. Scoccimarro, CMCC ROOM B - ground floor
8.30-8.50	Can Nigeria pursue low carbon development? R. Cervigni (WorldBank)	Results of the EU Project Climate For Culture: Future Climate-induced Risks to Historic Buildings and their Interiors D. Camuffo (ISAC-CNR)	Extreme events in a Warmer Climate over Mediterranean Basin with focus over Italy P. Faggian (RSE SpA)
8.50-9.10	Synergies and Interactions Between Climate Change Policies and Air Pollution Control Strategies – Results of the WITCH Integrated Assessment Mode L. Aleluia da Silva Reis (FEEM)	Nature-based urban planning: a framework to assess the impact of green infrastructure design on ecosystem services ameliorating climate change L. Zardo (University of Trento)	Evaluating the Effects of Changes in Observational Sites Position and Surrounding Urbanisation on the Historical Temperature Time Series of the City of Trento in the Alps L. Giovannini (University of Trento)
9.10-9.30	Design, Process, and Performance Criteria Provide Structure to Climate Policy A. Verbruggen (University of Antwerp)	Future impacts of climate change on sectoral electricity demand E. De Cian (FEEM)	High resolution hindcast simulations over Italy with COSMO-CLM model P. Mercogliano (CMCC)
9.30-9.50	Mirages in climate policy evaluation: how model assumptions may drive policy costs M. Michetti (CMCC)	A preliminary approach to estimate the impact of climate change on electricity demand in Italy M. Maugeri (University of Milan)	Carbon flux and climate change on Capo Caccia karst ecosystem (Sardinia, Italy) L. Sanna (CNR)
9.50-10.10	Selection of carbon budgets under current knowledge of uncertainties L. Drouet (CMCC)	Impact of climate change on historic architectural surfaces of the Venetian area E. Zandri (Ca' Foscari University)	Discussion
10.10-10.20	Discussion	Discussion	
10.20-10.50	Coffee Break	Coffee Break	Coffee Break
	Old and new market mechanisms Chair: S. Castellari, CMCC-INGV ROOM Silvio Trentin - first floor	Impacts on ecosystems, food and agriculture Chair: E. De Cian, FEEM ROOM A - ground floor	Water Management Chair: Marcomini, CMCC / Ca' Foscari University Venice ROOM B - ground floor
10.50-11.10	Impacts of tradable emission allowances on investment and economic growth C-H. Huang (Taiwan Research Institute)	Fires in the perspective of future changes: the contribute of CMCC to FUME Project V. Bacciu (CMCC - University of Sassari)	Experience in water modelling in agriculture considering climate and policy change G. M. Bazzani (CNR)
11.10-11.30	Climate Changes: Liability And Insurability Of Risks In Various Legislative And Institutional Settings In Light Of The Latest Scientific Knowledge B. Pozzo (University of Insubria)	Vulnerability of the Northern Adriatic Sea Fishery to Climate Change A. Caccin (Ca' Foscari University)	Water security issue in the Caribbean Windward Islands M. Amadio (FEEM/CMCC)
11.30-11.50	Community Managed Forest Groups and Preferences for REDD+ Contract Attributes: A choice experiment survey of communities in Nepal P. Jha (Ca' Foscari University)	Assessing multiple climate change impacts in coastal zones: the North Adriatic case study (Italy) S. Torresan (CMCC)	The Water Abstraction Licence Regime In Italy: A Case For Reform? S. Santato (CMCC)
11.50-12.10	Loss & Damage: a Critical Discourse Analysis E. Calliari (FEEM)	Discussion	Discussion
12.10-12.20	Discussion		
12.00 -14.00	Poster Session		
13.00-14.00	Lunch	Lunch	Lunch
14.00-15.30	Special Session on "HPC solutions for Climate Sciences Leading innovations and technologies in High Performance Computing presented to climate scientists" ROOM A - ground floor		
15.30-15.45	Plenary - Awards ROOM Silvio Trentin - first floor		
15.45-17.00	SISC General Assembly ROOM Silvio Trentin - first floor		

12.00-14.00	Poster Session		
	IMPACTS & IMPLICATIONS OF CLIMATE CHANGE	VULNERABILITY, RISK ASSESSMENT and ADAPTATION TO CLIMATE CHANGE	ADVANCES IN CLIMATE SCIENCE
	Projecting bioclimatical trends from recent times until the end of the twenty-first century in Andalusia (South of Spain) <i>J. Lopez-Tirado (University of Huelva)</i>	Forest management in water protection areas under climate change <i>H. Siegel (BMLFUW)</i>	Global scale energy budget variations in the outputs of the ERA-20CM experiment <i>P. Lionello (University of Salento)</i>
	Investigation on the Reference Evapotranspiration Distribution at Regional Scale by Alternative Methods to Compute the FAO Penman-Monteith Equation <i>S. Marras (CMCC, University of Sassari)</i>	An Online Platform for Supporting the Analysis of Water Adaptation Measures in the Alps <i>C. Giupponi (CMCC)</i>	Climate Models Performance Optimization through Min-Apps <i>S. Mocavero (CMCC)</i>
	Spatiotemporal changes in wildfire patterns in Sardinia <i>V. Bacciu (CMCC, University of Sassari)</i>	Statistical downscaling method applied for a future climate profile at local level - Bologna case study as resilient city <i>R. Tomozeiu (ARPA)</i>	The response of the mean meridional circulation to global warming and its relationship with precipitation <i>P. Lionello (University of Salento)</i>
	Using regional climate models for food-security scenarios in Africa <i>S. Calmanti (ENEA)</i>		Downscaled temperature scenarios for 5 sites in the Basilicata region <i>A. Pasini (CNR)</i>
			An Uncertainty Monster: Advances In Addressing Model Uncertainty <i>M. Mistry (Ca' Foscari University)</i>
			Large-scale Dynamics of Severe European Windstorms <i>G. Messori (Stockholm University)</i>