### APEC Climate Symposium 2011

**Monday October 17, 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00-9:00</td>
<td>Registration</td>
<td>Keoni Auditorium</td>
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<tr>
<td>9:00-10:00</td>
<td>Opening Ceremony</td>
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<tr>
<td>9:00-9:05</td>
<td>Opening Remarks</td>
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<td>9:05-9:10</td>
<td>Opening Remarks</td>
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<tr>
<td>9:10-9:15</td>
<td>Congratulatory Address</td>
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<tr>
<td>9:15-9:20</td>
<td>Congratulatory Address</td>
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<tr>
<td>9:20-9:40</td>
<td>Coffee Break</td>
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<tr>
<td>9:40-12:00</td>
<td>Session I</td>
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<tr>
<td>9:40-10:10</td>
<td>(TBC)</td>
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<tr>
<td>10:10-10:30</td>
<td>Prospects for Continental Scale Decadal</td>
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<td>Prediction</td>
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<tr>
<td>10:30-10:50</td>
<td>(TBC)</td>
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<tr>
<td>10:50-11:10</td>
<td>The Pulse of the Western North Pacific</td>
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<td>Subtropical High and Associated Asian Monsoon and Tropical Storm</td>
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<tr>
<td>11:30-12:00</td>
<td>Discussion</td>
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<tr>
<td>12:00-13:30</td>
<td>Lunch (on your own)</td>
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<tr>
<td>13:30-18:00</td>
<td>Session II</td>
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<tr>
<td>13:30-13:45</td>
<td>The new POAMA2 seasonal and multi-week system</td>
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<tr>
<td>13:45-14:00</td>
<td>Features of persistent drought in the NCEP T382 CFS CGCM long term simulations</td>
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<tr>
<td>14:00-14:15</td>
<td>An update on experimental climate prediction and analysis products being developed at NASA’s Global Modeling and Assimilation Office</td>
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<tr>
<td>14:15-14:30</td>
<td>Performance of CWB-CFSv1 during 2010 and the Development Status of CWB-CFSv2</td>
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<tr>
<td>14:30-14:45</td>
<td>On the development of SLAV model and</td>
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*Note: TBC stands for To Be Confirmed.*
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>14:30-14:45</td>
<td>On the development of SLAV model and interpretation of daily time series of seasonal forecasts</td>
<td>Dr. Dmitry Kiktev (HMC/Russia)</td>
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<tr>
<td>14:45-15:00</td>
<td>Coffee Break</td>
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<tr>
<td>15:00-15:15</td>
<td>Recent changes to the IRI Net Assessment</td>
<td>Dr. Michael Tippett (IRI/USA)</td>
</tr>
<tr>
<td>15:15-15:30</td>
<td>Outline of operational seasonal forecast model in JMA and the JRA-55 Reanalysis</td>
<td>Dr. Kazutoshi Onogi (JMA/Japan)</td>
</tr>
<tr>
<td>15:30-15:45</td>
<td>Two monsoon indices and their relationship to seasonal rainfall predictability in Viet Nam</td>
<td>Mr. Nguyen Dang Quang (NCMWF/Viet Nam)</td>
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<tr>
<td>15:45-16:00</td>
<td>The new Canadian coupled multi-seasonal forecasting system</td>
<td>Dr. Bertrand Denis (MSC/Canada)</td>
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<tr>
<td>16:00-16:15</td>
<td>Assessing the Seasonal Predictability of Summer Precipitation over the Huaihe river basin with Multiple APCC models</td>
<td>Dr. Zhaohui Lin (IAP/China)</td>
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<tr>
<td>16:15-16:30</td>
<td>Coffee Break</td>
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<tr>
<td>16:30-16:45</td>
<td>Experimental Intraseasonal Forecasting of Monsoon and Tropical Cyclones</td>
<td>Dr. Xiouhua Fu (IPRC/USA)</td>
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<tr>
<td>16:45-17:00</td>
<td>Multi-model Ensemble Coupled Prediction for Monsoon Precipitation (Mean State and Intraseasonal to Seasonal Prediction)</td>
<td>Dr. June-Yi Lee (IPRC/USA)</td>
</tr>
<tr>
<td>17:00-17:15</td>
<td>Is the Use of Coupled Global Climate Models Perdurable for Prediction of Indian Summer Monsoon?</td>
<td>Dr. Prabodha Kumar Pradhan (APCC/Korea)</td>
</tr>
<tr>
<td>17:15-17:30</td>
<td>Development of a Downscaling Method in China Regional Summer Precipitation Prediction</td>
<td>Dr. Lijuan Chen (CMA/China)</td>
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<tr>
<td>17:30-17:45</td>
<td>Relationship between the Meiyu over the Yangtze-Huaihe River Basins and the Frequencies of Tropical Cyclone Genesis in the Western North Pacific</td>
<td>Dr. Yanju Liu (CMA/China)</td>
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## APEC Climate Symposium 2011

### Tuesday October 18, 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Session III</th>
<th>Climate Change and Interdecadal Climate Prediction</th>
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<tbody>
<tr>
<td>9:00-12:00</td>
<td>Chair: Dr. H. Annamalai and Dr. Oscar Alves</td>
<td>Rapporteurs: Dr. Michael Tippett and Dr. Jyh Wen Hwu</td>
</tr>
<tr>
<td>9:00-9:15</td>
<td>Assessment of Macroeconomic Impacts of Climate Change over the Territory of Russian Federation until 2030 and Beyond</td>
<td>Dr. Vladimir Kattsov (MGO/Russia)</td>
</tr>
<tr>
<td>9:15-9:30</td>
<td>Climate Change Projections in the Philippines</td>
<td>Dr. Flaviana Hilario (PAGASA/Philippines)</td>
</tr>
<tr>
<td>9:30-9:45</td>
<td>Scenarios for Drought and Extreme Winds over New Zealand</td>
<td>Dr. James Renwick (NIWA/New Zealand)</td>
</tr>
<tr>
<td>9:45-10:00</td>
<td>The Latest Climate Change in Hong Kong</td>
<td>Mr. Sai-Ming Lee (HKO/Hong Kong China)</td>
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<tr>
<td>10:00-10:15</td>
<td>Regionalization of Future Projections on the High-Impact Weather and Climate Extremes over East Asia</td>
<td>Prof. Cheng-Ta Chen (NTNU/Chinese Taipei)</td>
</tr>
<tr>
<td>10:15-10:30</td>
<td>A Projection of Future Changes in Annual and Seasonal Extreme Temperature Events in the Asia-Pacific Region using AOGCMs</td>
<td>Dr. Ok-Yeon Kim (APCC/Korea)</td>
</tr>
<tr>
<td>10:30-10:45</td>
<td>Coffee Break</td>
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<tr>
<td>10:45-11:00</td>
<td>A Projection of Future Changes in Summer Precipitation in and Monsoon in East Asia</td>
<td>Prof. Yihui Ding (CMA/China)</td>
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<tr>
<td>11:00-11:15</td>
<td>Understanding Monsoon Variability in a Changing Climate</td>
<td>Dr. H. Annamalai (IPRC/USA)</td>
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<tr>
<td>11:15-11:30</td>
<td>(TBC)</td>
<td>Dr. Shang-Ping Xie (IPRC/USA)</td>
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<tr>
<td>11:30-11:45</td>
<td>Projected Changes of East Asian Summer Monsoon in IAP</td>
<td>Dr. Qing Bao (IAP/China)</td>
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<tr>
<td>11:45-12:00</td>
<td>(TBC)</td>
<td>Dr. Tim Li (IPRC/USA)</td>
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<tr>
<td>12:00-13:30</td>
<td>Lunch (on your own)</td>
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### Session IV (Parallel Session)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session IV</th>
<th>Climate and Agriculture Workshop: The Climate Risk Management Game</th>
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<tbody>
<tr>
<td>13:30-18:00</td>
<td></td>
<td>Facilitator: Prof. Holger Meinke (University of Tasmania/ Australia)</td>
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<td>Co-facilitators: Dr. Melissa Finucane (East West Center/USA), Dr. Alberto Troccoli (CSIRO/Australia), Dr. Robert Field (NASA GISS/USA)</td>
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<td></td>
<td>Rapporteurs: Dr. Bertrand Denis and Ms. Lam Noi</td>
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<tr>
<td>13:30-15:00</td>
<td>Climate risk management game (Part I: Introduction and group discussion)</td>
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<tr>
<td>15:00-15:15</td>
<td>Coffee break</td>
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<tr>
<td>15:15-16:45</td>
<td>Climate risk management game (Part II: Role playing and discussion)</td>
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<tr>
<td>Poster</td>
<td>Topic</td>
<td>Presenter</td>
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<tr>
<td>(Poster)</td>
<td>Forecasting the Number of Dry Days for the Benefit of Farmers and Rice Production in the Philippines: A preliminary analysis</td>
<td>Ms. Ana Liza Solmoro Solis (ANU/Australia)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>Socio-economic Impact of Climate Change on Rice Production in Southern India and Assessing Uncertainties in Regional Climate Model Projections</td>
<td>Dr. S. Senthilnathan (IPRC/USA)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>HyBMG a Statistical PC-Based Climate Model Bridging a Gap between High Technologies Required - Providing High Resolution Climate Prediction in Sub Provinces Scales</td>
<td>Mr. Fierra Setyawan (BMKG/Indonesia)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>Improving Livelihood of Farmer through Climate Field School by Utilizing Climate Information</td>
<td>Ms. Indah Budiani (Climate Change Trust Fund/Indonesia)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>The need for a fire and haze early warning system for equatorial Southeast Asia</td>
<td>Dr. Robert Field (NASA GISS/USA)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>Dry Period Analysis for Determination of Dry Season in the District of Indramayu West Java Indonesia</td>
<td>Mr. Antoyo Setyadipratikto (BMKG/Indonesia)</td>
</tr>
<tr>
<td>(Poster)</td>
<td>Vulnerability and Adaptive Capacity to Climate Change of the Guagua and Candaba Communities in Central Luzon, Philippines</td>
<td>Dr. Rogelio Cosio (Pampanga Agricultural College/Philippines)</td>
</tr>
<tr>
<td>16:45-17:30</td>
<td>Discussion and Wrap Up</td>
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**APEC Climate Symposium 2011**

**Keoni Auditorium**

**Tuesday October 18, 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session V (Parallel Session)</th>
<th>Topic</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>13:30-18:00</td>
<td><strong>Session V</strong></td>
<td>Climate Change/Variability and US-Korea Workshop</td>
<td>Chair: Dr. Emilia Jin and Dr. Myong-In Lee</td>
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<td></td>
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<td>Rapporteur: Dr. Yoo-Geun Ham</td>
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<tr>
<td>13:30-13:45</td>
<td>Self-Organizing Maps – An alternative method for studying climate variability</td>
<td>Dr. Saji Hameed (University of Aizu/Japan)</td>
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<tr>
<td>13:45-14:00</td>
<td>A long, consistent surface wind dataset for climate change analysis: Application over the Tropical Indo-Pacific</td>
<td>Dr. Hiroki Tokinaga (IPRC/USA)</td>
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<tr>
<td>14:00-14:15</td>
<td>Variation in the Onset Time of Anomalous Philippine Sea Anticyclone during El Nino Development</td>
<td>Dr. Zuqiang Zhang (CMA/China)</td>
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<tr>
<td>14:15-14:30</td>
<td>MISR cloud/aerosol and their variability through ENSO</td>
<td>Dr. Jae N. Lee (NASA JPL/USA)</td>
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<tr>
<td>14:30-14:45</td>
<td>Linkage of the lagged winter stratospheric circulation anomalies leading to ENSO forcing</td>
<td>Dr. Rongcai Ren (IAP/China)</td>
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<tr>
<td>14:45-15:00</td>
<td>Changes in East Asian Winter Monsoon due to the effect of the ENSO-PDO Interaction</td>
<td>Mr. Ji-Won Kim (APCC/Korea)</td>
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<tr>
<td>15:00-15:15</td>
<td>Future climate change in Hawaii</td>
<td>Dr. Oliver Elison Timm (IPRC /UH)</td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>15:15-15:30</td>
<td>Causes of global precipitation change over the Last Millennium</td>
<td>Prof. Jian Liu (CAS/China)</td>
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<tr>
<td>15:30-15:45</td>
<td><strong>Coffee Break</strong></td>
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<td>15:45-16:00</td>
<td>(TBC)</td>
<td>Dr. Myong-In Lee (UNIST/Korea)</td>
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<td>16:00-16:15</td>
<td>(TBC)</td>
<td>Dr. Julia Maganello (COLA/USA)</td>
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<td>16:15-16:30</td>
<td>(TBC)</td>
<td>Dr. Emilia Jin (?? Korea)</td>
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<td>16:30-16:45</td>
<td>(TBC)</td>
<td>Dr. Jong-Seong Kug (KORDI/Korea)</td>
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<td>16:45-17:00</td>
<td>(TBC)</td>
<td>Dr. Young-Kwon Lim (NASA/USA)</td>
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<td>17:00-17:15</td>
<td>(TBC)</td>
<td>Dr. Vijay Tallapragada (NCEP/USA)</td>
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<td>17:15-17:30</td>
<td>(TBC)</td>
<td>Dr. Yoo-Geun Ham (NASA/USA)</td>
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<tr>
<td>Time</td>
<td>Session VI</td>
<td>Climate and Water Resource Management Workshop</td>
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<td>9:00-12:00</td>
<td>Session VI</td>
<td>Climate and Water Resource Management Workshop</td>
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<tr>
<td>9:00-9:20</td>
<td>(Overview of climate and water)</td>
<td>Mr. Mark Svoboda (NCDM/USA)</td>
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<td>9:20-9:40</td>
<td>Seasonal Streamflow Forecasts: Assisting</td>
<td>Mr. Neil Plummer (BOM/Australia)</td>
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<td>decision-making in water resource management</td>
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<td>9:40-10:00</td>
<td>Challenges for Projecting Future Climate</td>
<td>Prof. James Roumasset (UH/USA)</td>
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<td>Change Impacts on Water Resources in Hawai‘i</td>
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<td>10:00-10:20</td>
<td>Adaptation Practices of Urban Water</td>
<td>Prof. Hee-Kyung Park (KAIST/Korea)</td>
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<td>Infrastructure Management</td>
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<td>10:20-10:40</td>
<td>Coffee Break</td>
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<tr>
<td>10:40-11:00</td>
<td>Assessment of Vulnerabilities to Climate</td>
<td>Ms. Lam Vu Thanh Noi (AIT/Thailand)</td>
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<td>Change for Water and Wastewater Infrastructure</td>
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<td>Management in Viet Nam: A Case Study of Ho Chi</td>
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<td>Minh City</td>
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<td>11:00-11:20</td>
<td>Vulnerability of Water Resource to El Nino</td>
<td>Ms. Daisy Ortega (PAGASA/Philippines)</td>
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<td>Southern Oscillation (ENSO) in the Philippines</td>
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<td>The 2007-2008 La Nina and 2009-2010 El Nino</td>
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<td>Impacts on Angat Dam</td>
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<td>11:20-11:40</td>
<td>Implications of Climate Change for Water</td>
<td>Mr. Mostafa Mahmud Naser (Macquarie Law School/Australia)</td>
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<td>Resources Management in Bangladesh: Challenges</td>
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<td>of Legal and Institutional Reforms</td>
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<td>11:40-12:00</td>
<td>Discussion</td>
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<td>12:00-13:30</td>
<td>Lunch (on your own)</td>
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<td>13:30-16:00</td>
<td>Session VII</td>
<td>Climate and Energy Workshop</td>
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<tr>
<td>13:30-13:50</td>
<td>Weather and climate impacts on energy planning</td>
<td>Dr. Alberto Troccoli (CSIRO/Australia)</td>
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<td>operations &amp; maintenance</td>
<td>Rapporteur: Dr. Robert Field and Mr. Kwan Kok Foo</td>
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<td>13:50-14:10</td>
<td>(TBC)</td>
<td>Dr. Ines Azevedo (CMU/USA)</td>
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<tr>
<td>14:10-15:10</td>
<td>Brainstorming session to:</td>
<td>Dr. Ines Azevedo (CMU/USA)</td>
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<td></td>
<td>• identify vulnerabilities of the energy sector</td>
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<td>• identify impediments to the use of weather</td>
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<td>and climate information for the energy sector</td>
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<td>15:10-16:00</td>
<td>Case study discussion to explore the use of</td>
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<td>climate information in a practical context</td>
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<tr>
<td>16:00-16:15</td>
<td>Coffee break</td>
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<tr>
<td>Time</td>
<td>Session VIII</td>
<td>Details</td>
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<tr>
<td>16:15-15:30</td>
<td>Culminating Session:</td>
<td>Crafting the climate science community’s response to present challenges</td>
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<td>Panel and open discussion with Prof. Jagadish Shukla, Dr. Vladimir Kattsov, Dr. James Renwick, Prof. Holger Meinke, Dr. Alberto Troccoli, Mr. Mark Svoboda, Dr. Melissa Finucane</td>
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