



## Regional Symposium on Climate Change



The Abu Dhabi Global Environmental Data Initiative (AGEDI) in partnership with the UAE Ministry of Climate Change and Environment (MOCCA) is proudly announcing that a National Symposium on Climate Change will be held:

**March 13 – 16, 2017 at the Environment Agency – Abu Dhabi  
in the Al Mamoura A Auditorium.**



Online webinar access via GoToWebinar will be provided for international, regional and those guests who cannot attend in person.



The agenda for the Symposium focuses on the twelve (12) recently completed studies of the Local, National, and Regional Climate Change Programme (LNRCCP).



The program will have sessions for the presentation of stakeholder-reviewed studies over the three days of the Symposium, including invited lectures from each of the Principal Investigators (or designees). The Symposium will also have poster sessions from local/regional experts, which will provide an excellent opportunity to interact individually with researchers about their most recent climate change-related work.



### Background



The Abu Dhabi Global Environmental Data Initiative (AGEDI) was launched on 2 September 2002, at the World Summit on Sustainable Development (WSSD) in Johannesburg by the United Arab Emirates (UAE) as a Type II Initiative. Inaugurated in 2002 by H. H. Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates, AGEDI was formed to facilitate quality environmental data that equips policy-makers with actionable, timely information to inform and guide critical decisions. AGEDI works in close coordination with long-term partners Environment Agency- Abu Dhabi (EAD) and the United Nations Environment Programme (UNEP) to maximise information exchange for improved decision-making at the local, national, regional and global levels.



The LNRCCP was launched in 2013 with the aim of establishing a climate change work programme that could build upon, expand and deepen the understanding of vulnerability to the impacts of climate change in the UAE and the surrounding region, as well as identify practical adaptive responses at the local, national and regional levels. This work is driven by AGEDI's vision to enhance accessibility to environmental data and information to support effective decision-making. AGEDI has engaged stakeholders throughout the region around five thematic areas:





Regional climate change, Environment, Water resources, Coastal zones, and Socio-economic systems.

All outputs of the programme are freely available to all stakeholders. A comprehensive set of data used, models developed, maps/videos produced, and technical reports prepared can be accessed through AGEDI's interactive website Inspector, available at <http://www.ccr-group.org/cc-inspectors>

## Invited Speakers

The Principal Investigators, selected members of the research team for each of the LNRCCP's twelve studies, as well as invited speakers will participate in the Symposium. Participants are indicated in the Table below:

Symposium Session/Speaker				
Opening (13 March)	Oceans (13 March)	Land (14 March)	Water (14 March)	Socioeconomic (15 March)
<ul style="list-style-type: none"> <li>▪ Abdul-Majeid Haddad</li> <li>▪ Nadia Rouchdy</li> <li>▪ Sabah Al Jenaid</li> <li>▪ Simon Wilson</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ze Edson</li> <li>▪ William Cheung</li> <li>▪ Daniel Pauly</li> </ul>	<ul style="list-style-type: none"> <li>▪ David Yates</li> <li>▪ Matthew Fitzpatrick</li> <li>▪ Gregg Verutes</li> </ul>	<ul style="list-style-type: none"> <li>▪ Francisco Flores</li> <li>▪ Stephanie Galaitsi</li> <li>▪ David Yates</li> </ul>	<ul style="list-style-type: none"> <li>▪ Robert Arthur</li> <li>▪ Daniel Lincke</li> <li>▪ Paul Kucera</li> <li>▪ Bill Dougherty</li> </ul>

## Symposium Organizers

Please address all correspondence to [lnrclimatechange@ead.ae](mailto:lnrclimatechange@ead.ae)

- Ms. Jane Glavan, AGEDI LNRCCP Manager
- Mr. Marco Vinaccia, AGEDI Project Coordinator

## Note

- Please ensure to either provide your details through the calendar invite or email if attending in person so that we can provide access through security of the venue.
- If attending via online webinar please provide your email and interest so that we can provide you the log-in details.
- You can also register for the event at <https://www.ccr-group.org/symposium> where you can also find additional information about the symposium.



## Symposium Agenda

Monday March 13<sup>th</sup>, 2017

Session	Time	Topic
Registration	9:30 – 10:00	Registration for Symposium
Opening	10:00 – 10:30	<b>Welcome and introductions</b> <ul style="list-style-type: none"> <li>Ministry of Climate Change and Environment (MOCCAE)</li> <li>Abu Dhabi Global Environmental Data Initiative (AGEDI)</li> </ul>
	10:30 – 11:00	<b>High level overview and key messages of AGEDI's Local, National, and Regional Climate Change Programme</b> <ul style="list-style-type: none"> <li>Jane Glavan, AGEDI</li> </ul>
	11:00 – 11:25	Coffee break
	11:25 – 12:10	<b>Climate Change in the UAE and GCC countries</b> <ul style="list-style-type: none"> <li><i>GCC action on climate change adaptation</i>: Abdul-Majeid Haddad: (United Nations Environment Programme, UNEP-ROWA)</li> <li><i>UAE Climate Change Risks &amp; Resilience</i>: Nadia Rouchdy (Emirates Wildlife Society – WWF)</li> <li><i>Research in Sea Level Rise</i>, Dr. Sabah Al Jenaïd, Arabian Gulf University (AGU)</li> <li><i>The role of private sector in climate change policy setting</i>, Simon Wilson, 5Oceans</li> </ul> <p>Moderated by Bill Dougherty, CCRG</p>
	12:10 – 13:30	Lunch break
	Oceans	13:30 – 13:35
13:35 – 14:15		<b>Regional ocean modeling, with Q&amp;A</b> <ul style="list-style-type: none"> <li>Ze Edson, University of Sao Paolo</li> </ul>
14:15 – 14:55		<b>Regional Marine biodiversity &amp; climate change, with Q&amp;A</b> <ul style="list-style-type: none"> <li>William Cheung, University of British Columbia</li> </ul>
14:55 – 15:10		Coffee break
15:10 – 15:50		<b>Regional Desalination &amp; climate change, with Q&amp;A</b> <ul style="list-style-type: none"> <li>Ze Edson, University of Sao Paolo</li> </ul>



	15:50 – 16:30	<p><b>Roundtable discussion</b> (Issue: how can these results be used in the UAE's policy dialogues?)</p> <ul style="list-style-type: none"> <li>Panel: Ze Edson, William Cheung, Bill Dougherty, Daniel Pauly</li> </ul> <p>Moderated by AGEDI</p>
	16:30 – 16:35	<p><b>Wrap-up and overview of next day</b></p> <ul style="list-style-type: none"> <li>AGEDI</li> </ul>

## Tuesday March 14<sup>th</sup>, 2017

Session	Time	Topic
Land	09:00 – 09:05	<p><b>Introduction to the day's topics</b></p> <ul style="list-style-type: none"> <li>AGEDI</li> </ul>
	09:05 – 09:10	<p><b>Local, national, regional context</b></p> <p>Moderated by Richard Perry, Environment Agency Abu Dhabi</p>
	09:10 – 09:50	<p><b>Regional atmospheric modeling, with Q&amp;A</b></p> <ul style="list-style-type: none"> <li>David Yates, NCAR</li> </ul>
	09:50 – 10:30	<p><b>Regional Terrestrial biodiversity &amp; climate change, with Q&amp;A</b></p> <ul style="list-style-type: none"> <li>Matt Fitzpatrick, University of Maryland</li> </ul>
	10:30 – 10:45	Coffee break
	10:45 – 11:25	<p><b>National Coastal vulnerability index, with Q&amp;A</b></p> <ul style="list-style-type: none"> <li>Gregg Verutes, National Audubon Society</li> </ul>
	11:25 – 12:10	<p><b>Roundtable discussion</b> (Issue: how can this research be used in the UAE and region)</p> <ul style="list-style-type: none"> <li>Panel: David Yates, Matt Fitzpatrick, Gregg Verutes, Bill Dougherty</li> </ul> <p>Moderated by AGEDI</p>
	12:10 – 13:30	Lunch break
Water	13:30 – 13:35	<p><b>Local, national, regional context</b></p> <p>Moderated by Mohamed Dawoud, Environment Agency Abu Dhabi</p>
	13:35 – 14:15	<p><b>Regional water-energy nexus and climate change, with Q&amp;A</b></p> <ul style="list-style-type: none"> <li>Paco Flores, Stockholm Environment Institute (SEI)</li> </ul>
	14:15 – 14:55	<p><b>National water-energy nexus and climate change, with Q&amp;A</b></p> <ul style="list-style-type: none"> <li>Stephani Galaitsi, SEI-US Water Resources Group</li> </ul>
	14:55 – 15:10	Coffee break



	15:10 – 15:50	<b>Al Ain water resource &amp; climate change, with Q&amp;A</b> <ul style="list-style-type: none"> <li>David Yates, NCAR</li> </ul>
	15:50 – 16:30	<b>Roundtable discussion</b> (Issue: how can these results be used in the UAE and Region?) <ul style="list-style-type: none"> <li>Panel: David Yates, Paco Flores, Bill Dougherty</li> </ul> Moderated by AGEDI
	16:30 – 16:35	Wrap-up and overview of next day <ul style="list-style-type: none"> <li>AGEDI</li> </ul>

### Wednesday March 15<sup>th</sup>, 2017

Session	Time	Topic
Socio-economic	09:00 – 09:05	<b>Introduction to the day's topics</b>
	09:05 – 09:10	<b>Local, national, regional context</b> Moderated by Simon Pearson, Environment Agency Abu Dhabi
	09:10 – 09:50	<b>UAE Food security &amp; climate change, with Q&amp;A</b> <ul style="list-style-type: none"> <li>Bill Dougherty, CCRG</li> </ul>
	09:50 – 10:30	<b>Health co-benefits of GHG mitigation, with Q&amp;A</b> <ul style="list-style-type: none"> <li>David Yates, Paul Kucera, Bill Dougherty (NCAR, CCRG)</li> </ul>
	10:30 – 10:45	Coffee break
	10:45 – 11:25	<b>Sea level rise primer, with Q&amp;A</b> <ul style="list-style-type: none"> <li>Panel: Daniel Lincke, Robert Arthur, Bill Dougherty (Global Climate Forum, University of RAK, CCRG)</li> </ul>
	11:25 – 12:10	<b>Roundtable discussion</b> (Issue: how can these results be used in the UAE and region) <ul style="list-style-type: none"> <li>Panel: David Yates, Bill Dougherty, Daniel Lincke, Paul Kucera, Robert Arthur</li> </ul> Moderated by AGEDI
	12:10 – 12:30	<b>LNRCCP Inspector demo</b> <ul style="list-style-type: none"> <li>Bill Dougherty, CCRG</li> </ul>
Next Steps	12:30 – 13:30	<b>From Research to Action</b> <ul style="list-style-type: none"> <li>Highlights of main policy messages from the LNRCC Program and Roundtable discussions</li> <li>Interactive discussion with stakeholders</li> </ul> Moderated by MOCCAE
	13:30 – 13:35	<b>Symposium closure</b> <ul style="list-style-type: none"> <li>Jane Glavan, AGEDI</li> </ul>
	13:35 – 15:00	Lunch



Thursday March 16<sup>th</sup>, 2017

Location: Environment Agency Abu Dhabi

Water-energy nexus modeling	10:00 – 12:00	<b>Training session available to anyone interested on the use of the WEAP and LEAP models for undertaking water-energy nexus modeling</b>  ▪ David Yates, NCAR
	10:00 - 10:20	<i>Introduction of water-energy nexus modeling using WEAP &amp; LEAP (slides or results from the studies)</i>
	10:20 - 10:45	<i>WEAP demo</i>
	10:45 - 11:10	<i>LEAP demo</i>
	11:10 - 12:00	<i>Q&amp;A</i>