West Africa

DEGREES MODELLING FUND PROJECTS

1. Mali
   Dr Amedou Colibaly
   Impacts on drought
   Institut Polytechnique Rural de Formation et de Recherche Appliquée

2. Ivory Coast*
   Dr Vami N’Guessan Bi
   Impacts on water resources
   *Formerly funded by The World Academy of Sciences (TWAS)

3. Ghana
   Prof. Nana Klutse
   Impacts on the Harmattan Wind
   University of Ghana

4. Benin
   Prof. Ezinvi Baloitcha
   Impacts on sea-level rise
   University of Abomey-Calavi

5. Benin
   Dr Frédéric Bonou
   Impacts from climate change
   Institut de Recherches Halieutiques et Océanologiques du Bénin

6. Nigeria
   Dr Vincent Ajayi
   Impacts on agriculture
   Federal University of Technology, Akure

REGIONAL FIRSTS

11 June 2020: First SRM study in Benin and an LDC
27 June 2012: The first workshop in Africa was held in Senegal

WORKSHOPS / EVENTS

- Senegal
  27 June 2012

- Côte d’Ivoire
  3 September 2019

- Benin
  30 August 2019

“We need to take a leading role in SRM research so that other countries do not decide for us.”

Dr Casimir Y. Da-Allada
University of Abomey-Calavi, Benin

For more information visit: degrees.ngo
Central, East and South Africa

DEGREES MODELLING FUND PROJECTS

1. Cameroon
   Dr Thierry Fotso Nguemo
   Impacts on water deficit risk
   National Institute of Cartography

2. Uganda
   Dr Bob Alex Ogwang
   Impacts on climate variability
   Uganda National Meteorological Authority

3. Kenya
   Dr Franklin Opilah
   Impacts on extreme rainfall
   University of Nairobi

4. South Africa
   Dr Christopher Lennard
   Impacts on agriculture
   University of Cape Town

5. South Africa
   Prof Babatunde Abiodun
   Impacts on Livestock
   University of Cape Town

6. South Africa
   Dr Andreas Meyer
   Biodiversity and health
   University of Cape Town

REGIONAL FIRSTS

January 2020: The first African SRM research paper

WORKSHOPS / EVENTS

<table>
<thead>
<tr>
<th>Country</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Africa</td>
<td>28 November 2012</td>
<td>2012</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>14 January 2013</td>
<td>2013</td>
</tr>
<tr>
<td>Kenya</td>
<td>6 June 2017</td>
<td>Online</td>
</tr>
<tr>
<td>South Africa</td>
<td>15 July 2021</td>
<td>(online)</td>
</tr>
</tbody>
</table>

“It is very important that those countries that suffer the most from climate change lead the conversation about SRM. And they can’t lead the conversation if they don’t know what it’s about.”

Dr Romaric Odouiami
University of Cape Town

For more information visit: degrees.ngo
MENA and South Asia

DEGREES MODELLING FUND PROJECTS

1. Iran*
   Dr Khalil Karami
   Impacts on drought
   *Formerly funded by The World Academy of Sciences (TWAS)

2. Pakistan
   Prof. Arthur Hussain
   Impacts on malaria
   COMSATS University Islamabad

3. India
   Prof. Govindasamy Bala
   Impacts on monsoons
   Indian Institute of Science, Bengaluru

4. Bangladesh
   Dr Md. Abu Syed
   Impacts on hydrology
   Bangladesh Centre for Advanced Studies (BCAS)

5. Bangladesh
   Dr Mohammad Shafiul Alam
   Impacts on health
   International Center for Diarrhoeal Disease Research

REGIONAL FIRSTS

20 October 2011: The first SRM workshop in the region
5 March 2021: The first SRM workshop in Iran

WORKSHOPS / EVENTS

<table>
<thead>
<tr>
<th>Country</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>India</td>
<td>20 October 2011</td>
</tr>
<tr>
<td>Pakistan</td>
<td>9 November 2011</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>27 February 2017</td>
</tr>
<tr>
<td>India</td>
<td>29 November 2016</td>
</tr>
<tr>
<td>Iran</td>
<td>5 March 2021</td>
</tr>
</tbody>
</table>

SRM research has been led by developed countries, and we are in the dark. I want to bring some light to the developing world, to bring debate and discussion, to understand the risks.

Mohammed Mofizur Rahman
International Center for Diarrhoeal Disease Research, Bangladesh

For more information visit: degrees.ngo
Southeast Asia

DEGREES MODELLING FUND PROJECTS

1. Philippines
   - Dr Patricia Jaranilla-Sanchez
   - Impacts on agriculture
   - University of the Philippines Los Baños

2. Indonesia
   - Prof. Rahmat Gernowo
   - Impacts on rainfall
   - Dienggore University

3. Indonesia
   - Dr Heri Kuswanto
   - Impacts on hydro-climatic extremes
   - Institut Teknologi Sepuluh Nopember

4. Malaysia
   - Dr Mou Leong Tan
   - Impacts on hydro-climatic extremes
   - Universiti Sains Malaysia

5. Thailand
   - Dr Pornampai Narenpitak
   - Impacts on temperature
   - National Science and Technology Development Agency

REGIONAL FIRSTS

19 September 2021: First scientific study on SRM in South East Asia

WORKSHOPS / EVENTS

<table>
<thead>
<tr>
<th>Country</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philippines</td>
<td>8 March 2017</td>
</tr>
<tr>
<td>Thailand</td>
<td>1 March 2017</td>
</tr>
<tr>
<td>Indonesia</td>
<td>8 November 2019</td>
</tr>
<tr>
<td>Indonesia (online)</td>
<td>30 July 2020</td>
</tr>
</tbody>
</table>

"If SRM were ever deployed, it would affect the developing world, which means we must be involved."

Dr Heri Kuswanto
Institut Teknologi Sepuluh Nopember

For more information visit: degrees.ngo
South America and the Caribbean

DEGREES MODELLING FUND PROJECTS

1. Mexico
   Dr. Graciela Raga
   Impact on Heatwaves
   La Universidad Nacional Autónoma de México

2. Mexico
   Dr. Julián Velasco
   Impact on biodiversity
   La Universidad Nacional Autónoma de México

3. Jamaica
   Dr. Leonardo Clarke
   Impact on agriculture
   University of the West Indies

4. Brazil
   Prof. Michelle Simões Reboita
   Impact on cyclones
   Universidade Federal de Itajubá

5. Chile
   Prof. Alfonso Fernández
   Impact on glaciers
   Universidad de Concepción

6. Argentina
   Prof. Inés Camilloni
   Impact on hydroclimates
   University of Buenos Aires

REGIONAL FIRSTS

11 March 2021: First SRM research paper from the Caribbean
26 April 2022: First SRM study in Latin America

WORKSHOPS / EVENTS

- Jamaica: July 2016
- Guadeloupe: November 2016
- Brazil: November 2016
- Argentina: November 2019
- Jamaica: September 2022
- Mexico: April 2023

"Climate change is a global problem, and any solution must also be global. The Global South must be part of any conversation related to the possible implementation of SRM.

Prof. Inés Camilloni
University of Buenos Aires"