Pathways to Resilience in Semi-Arid Economies (PRISE)

Nairobi Inception Meeting 2014
Dr. Tom Mitchell
PRISE Goal

This research will support the emergence of equitable, climate resilient economic development in semi-arid lands through research excellence and sustained engagement with business leaders, local and national government decision-makers, civil society, and regional economic communities.
PRISE Objectives

Objectives

1. Develop an evidence base on the impact of climate change on key factors conditioning the economic growth of semi-arid lands, and conversely how these factors condition vulnerability to climate change;
2. Develop an evidence base on the risks posed to economic growth in semi-arid lands by extreme climate events, particularly droughts and floods;
3. Identify investment, policy and planning measures for inclusive climate resilient development and growth in semi-arid lands;
4. Leverage existing initiatives and networks in a stakeholder engagement process that co-creates knowledge, builds credibility with research users, and promotes the uptake of results;
5. Support the emergence of a new cadre of policy-oriented researchers working on climate resilient development, engaged with key Southern institutions.
Country Focus

- **East Africa**
  - Tanzania
  - Kenya
- **West Africa**
  - Senegal
  - Burkina Faso
- **Central Asia**
  - Pakistan
  - Tajikistan
Research Questions

1. How do current and future climate risks compound other environmental, social and economic stress factors in semi-arid regions, and how can these risks be managed?
2. How does climate resilient development as a strategy for poverty alleviation differ, in concrete terms, from the traditional recommendations of development policy, and how should adaptation be integrated into economic development policies?
3. What are the new opportunities for and threats to markets in SALs arising from climate change in semi-arid areas, and how is the private sector adapting?
4. How do natural resource management policies condition vulnerability and resilience in critical pathways between natural resources, economic growth and poverty alleviation?
5. How are climate impacts accelerating demographic changes and human endowments, and what are the implications for vulnerable groups to access benefits of markets and development?
Research Phases & Work Packages

- **Inception Phase (Year 1)** brings macro-level analysis of global semi-arid lands (SALs) into dialogues with Stakeholder Engagement Platforms (SEPs) to identify case studies, pilot projects, and study sites.

- **The Implementation Phase (Years 2-4)** is divided into core 5 work packages focussing on how crucial aspects of economies and societies condition vulnerability to, and are conditioned by, climate change.

  - **WP 1** Climate Risk Lead: IED
  - **WP 2** Governance Lead: LSE
  - **WP 3** Markets Lead: ODI
  - **WP 4** Natural Capital Lead: CCCS
  - **WP 5** Human Capital Lead: SDPI
# PRISE Activities

<table>
<thead>
<tr>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inception Phase (Year 1)</td>
<td>Implementation Phase (Years 2 - 4)</td>
<td>Synthesis Phase (Years 3-5)</td>
</tr>
<tr>
<td><strong>Activities Include:</strong></td>
<td><strong>Activities and Work packages:</strong></td>
<td><strong>Outputs to include:</strong></td>
</tr>
</tbody>
</table>
| • Assessment of likely changes in key drivers of development and vulnerability in the core countries over the next 20 years; | WP1: Climate Risk  
WP2: Governance, institutions and finance  
WP3: Markets  
WP4: Natural Capital  
WP5: Human Capital | • Papers articulating theoretical and conceptual advances in climate resilient development; |
| • An assessment of data quality and information gaps; | | • Comprehensive assessments for policy makers; |
| • Conceptual research and international comparisons; | | • Papers articulating theoretical and conceptual advances in different disciplinary or sectoral areas |
| • Engagement with and buy-in from boundary partners in the core countries (stakeholder engagement platforms). | **Activities to include:** | • Syntheses of the consortium’s finding and research findings for each core country; |
| • Consideration of climate science and its impact on potential economic development pathways | • Literature review and analysis  
• Empirical and participatory research  
• Case studies  
• Policy analysis  
• Key informant Interviews and focus group discussions  
• Household surveys  
• Value chain analysis | • Synthesis of research findings for policy makers in each region. |
Focusing on the practical knowledge needs of stakeholders, our policy first approach places practical and policy issues of development, rather than climate projections, at the centre of analysis.
Grantees and Stakeholders

Consortium Steering Committee
Made up of Lead PI, CC and Co-Pis

IPAG
Meet annually to advise and review on scientific/technical research direction

Organogram

WP 1 Committee
WP1 Leader
WP 2 Committee
WP 2 Leader
WP 3 Committee
WP3 Leader
WP 4 Committee
WP4 Leader
WP 5 Committee
WP5 Leader

IDRC
CARIAA cross-consortia engagement

Commissioned work to supplement work packages
## Principal Investigators

<table>
<thead>
<tr>
<th>Role</th>
<th>Individual</th>
<th>Contact email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Principal Investigator</td>
<td>Dr Tom Mitchell</td>
<td><a href="mailto:t.mitchell@odi.org.uk">t.mitchell@odi.org.uk</a></td>
</tr>
<tr>
<td>Consortium Co-ordinator</td>
<td>Helen Mountfort</td>
<td><a href="mailto:h.mountfort@odi.org.uk">h.mountfort@odi.org.uk</a></td>
</tr>
<tr>
<td>Co-Principal Investigator IED</td>
<td>Mamadou Bara GUEYE</td>
<td><a href="mailto:baragueye@iedafrique.org">baragueye@iedafrique.org</a></td>
</tr>
<tr>
<td>Co-Principal Investigator LSE</td>
<td>Dr Samuel Fankhauser</td>
<td><a href="mailto:S.Fankhauser@lse.ac.uk">S.Fankhauser@lse.ac.uk</a></td>
</tr>
<tr>
<td>Co-Principal Investigator SDPI</td>
<td>Dr Abid Suleri</td>
<td><a href="mailto:suleri@sdpi.org">suleri@sdpi.org</a></td>
</tr>
<tr>
<td>Co-Principal Investigator ODI</td>
<td>Dr Guy Jobbins</td>
<td><a href="mailto:g.jobbins@odi.org.uk">g.jobbins@odi.org.uk</a></td>
</tr>
<tr>
<td>Co-Principal Investigator CCCS</td>
<td>Dr Pius Zebhe Yanda</td>
<td><a href="mailto:pyanda@gmail.com">pyanda@gmail.com</a></td>
</tr>
</tbody>
</table>
Thank you