

START AND THE NAIROBI WORK PROGRAM

START (the global change SysTEM for Analysis, Research, and Training), promotes research-driven capacity building to advance knowledge on global environmental change. START's work is carried out through regionally based centers in Africa and Asia-Pacific, together with the International START Secretariat based in Washington, DC. START promotes capacity building of individuals and strengthening of institutions through activities that include grants and fellowships for research and assessments, curricula development, advanced training institutes, and outreach to decision makers through activities such as multi-stakeholder dialogues. START's activities:

1. Advance science and strengthen interactions at the interface of science, policy, and practice;
2. Engage people and institutions on climatic and other global change issues that span disaster risk reduction, land-use/landcover change, biodiversity conservation, urban development, human health, water resources management, agriculture and food security and regional climate modeling and climate services; and
3. Integrate knowledge generation with knowledge sharing that leads to informed action that in turn strengthens knowledge systems, as depicted in the figure below.

For more information about START please visit: www.start.org

1. Cities at Risk

Background	
<p>Title of Initiative/ Programme/Project: Cities at Risk (http://start.org/programs/cities-at-risk)</p> <p><i>Activity 1 Implemented in collaboration with the SEA-START Regional Research Center (Bangkok), the East-West Center, Ibaraki University, United Nations University and Manila Observatory, with funding from the APN and collateral support from the International START Secretariat</i></p> <p><i>Activity 2 Implemented in collaboration with East-West Center and CCaR (Canada)</i></p>	
<p>Element of action pledge on which progress is reported here:</p> <ul style="list-style-type: none"> ⤴ <i>Continued efforts to promote awareness raising and understanding of current and future climate risks through its support for education and capacity building, risk communication and assessment</i> ⤴ <i>Continued support for activities that enhance the process of generating and disseminating information and knowledge on adaptation to relevant stakeholder communities</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i>
<p><i>Activity 1:</i> Week-long International Training Workshop on Climate Change Vulnerability Assessment and Urban Development Planning for Asian Coastal Cities. For scientists, urban planners, managers and researchers</p>	<p><i>See: http://start.org/programs/cities-at-risk</i></p> <p>Under preparation: A publication for peer-reviewed journal</p>

Background	
<u>Activity 2</u> : Second international conference on Cities at Risk: Building Adaptive Capacities for Managing Climate Change Risks in Asian Coastal Cities (CAR II), held April 2011 in Taipei, Taiwan	Under preparation: Conference recommendations identifying priorities for CAR programming in Asia for the next several years and next steps, to be published by the IRDR International Centre of Excellence later this year
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientists, academics, practitioners and decision makers</u> : Help develop their capacity in climate change vulnerability assessment and application to urban development planning and governance	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
New city-specific CAR activities are being initiated in North Jakarta, Indonesia (supported by USAID). Activities to include training and communication opportunities that build upon previous CAR experiences and respond to identified city needs	

2. Global Observation of Forest and Land Cover Dynamics

Title of Initiative/ Programme/Project: Global Observation of Forest and Land Cover Dynamics (GOFC/GOLD) (http://start.org/programs/gofc-gold) <i>Implement with support from NASA and in collaboration with USGS Earth Resources Observations and Science (EROS) Center on earth observation data</i>	
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ✧ <i>Continued efforts to improve access to and use of observational climate and other data and to disseminate relevant findings to decision-makers across society</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i>
<u>Activity 1</u> : GOFC-GOLD/START Regional	<i>See: http://start.org/programs/gofc-gold</i> In the past year, 6 data specialists from 3 regions of Asia received training on data Network Data Initiative Training availability and applications at the USGS EROS Data Center. Upon returning to their home institutions, they advertise availability of data and make it available to communities of users in their home regions.
<u>Activity 2</u> : Support for GOFC-GOLD Regional	Six meetings / workshops organized to promote

and Thematic Workshops	exchange of information among Regional Network members, to offer training on the use of remote sensing products and to provide opportunities to present, expand and build on ongoing data distribution and application efforts.
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientist and academics:</u> Access to data and the capacity to utilize this data for global change research	
<u>Practitioners:</u> Access to data and the capacity to utilize this data for natural resource management	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
Extension of GOFC-GOLD/START Regional Network Data Initiative Training	Training of an additional 20-25 data specialists
Support for GOFC-GOLD Regional and Thematic Workshops	Five – six meetings / workshops will be organized for ongoing information exchange, training on the use of remote sensing products and to provide opportunities to present, expand and build on ongoing data distribution and application efforts.
Advanced Training Institutes	Building on the Data Initiative training, 20-25 fellows will be trained in data analysis and application as related to priority theme(s) of the GOFC-GOLD project.

3. Climate Change and Biodiversity Conservation in the Albertine Rift Region

Background
Title of Initiative/Programme/Project: Climate Change and Biodiversity Conservation in the Albertine Rift Region (http://start.org/programs/biodiversity6) <i>Implemented in Collaboration with the Institute of Resource Assessment, University of Dar es Salaam; Funded by the MacArthur Foundation</i>
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ⤴ <i>Developing and disseminating methods and tools for vulnerability assessment and adaptation planning; facilitating application and improvement of these methods by developing country organizations and researchers</i> ⤴ <i>Promotes awareness raising and understanding of current and future climate risks through its support for education, capacity building, and risk communication and assessment.</i> ⤴ <i>Review future research and capacity building programs to enable the allocation of human and other resources to the development of technologies, know-how and practices for adaptation, and to their dissemination to relevant stakeholders.</i>

Activities undertaken and main outputs	
Activity	Outputs
<p><u>Activity 1:</u> Phase 1 of Education and Training program in 2008 engaged 20 conservation practitioners, researchers and graduate students in theoretical learning at the University of Dar es Salaam (UDSM). Phase 2 in 2010 similarly engaged 29 individuals.</p>	<p><i>See:</i> http://start.org/programs/biodiversity6</p> <ol style="list-style-type: none"> 1. 49 Individuals trained to date on regional biodiversity conservation and climate change issues. 2. Master's level curriculum for the Education and Training Program developed in 2008 and updated in 2010. 3. Master's level curriculum officially incorporated into UDSM's Master's Program in Natural Resource Assessment and Management (NARAM) to include climate change related issues. 4. A report outlining the experience and lessons learned from Phase 1 is available at: http://start.org/publications/biodiversity-report.html 5. Active network of practitioners, faculty and researchers generated in the region <p>Additional information: http://start.org/programs/biodiversity6</p>
<p><u>Activity 2:</u> Education and Training program participants engaged in in field-based externship research in Phases 1 and 2</p>	<ol style="list-style-type: none"> 1. 39 participants received practical experience in assessing climatic and non-climatic risks to biodiversity, ecosystem goods and services and livelihoods. 2. 5 Summary papers from externship teams of Phase 2 are under preparation 3. A synthesis paper from the 5 teams' externship research is planned
<p><u>Activity 3:</u> Training of Trainers module in Phase 2 for faculty from regional universities.</p>	<ol style="list-style-type: none"> 1. Training of Trainers curriculum developed. 2. 10 faculty trained in developing courses on climate change and conservation related issues
<p><u>Activity 4:</u> Distance Learning tools and resources</p>	<ol style="list-style-type: none"> 1. Under preparation: Online Distance Learning resources
<p><u>Activity 5:</u> Stakeholder Dialogue (November 2011)</p>	<ol style="list-style-type: none"> 1. Planned: Summary of recommendations for practitioners and decision-making community
Potential application/implication for the adaptation community within and beyond the NWP network	
<p><u>Academics and educators:</u> Curriculum resources for teaching conservation and natural resources</p>	

related courses can help inform the next generation of experts, practitioners and decision-makers on climate risks to biodiversity, ecosystem services and livelihoods and strategies for adaptation.	
Practitioners and policy makers: Awareness and understanding of climate change related challenges to conservation, ecosystem services and livelihoods to inform response strategies and decision making	
If appropriate, plans for the next steps	
Planned activity	Expected output(s)
Expanding the program within and beyond the Albertine Rift region	<ol style="list-style-type: none"> 1. Outreach and engagement of a greater number of participants 2. Enhanced knowledge networks 3. Research papers, reports and policy-briefs

4. START Grants for Global Environmental Change in Africa

Background	
Title of Initiative/Programme/Project: START Grants for Global Environmental Change in Africa (http://start.org/programs/africangeec)	
<i>Funding from the US National Science Foundation/ US Global Change Research Program</i>	
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ⤴ <i>Promote and enable global environmental change research in the developing world through its networks in developing regions of the world and through its partners.</i> ⤴ <i>Review future research and capacity building programs to enable the allocation of human and other resources to the development of technologies, know-how and practices for adaptation, and to their dissemination to relevant stakeholders.</i> 	
Activities undertaken and main outputs	
Activity	Outputs <i>See:</i> http://start.org/programs/africangeec
<u>Activity 1:</u> Four rounds of grants were administered to individual African scientists (2006, 2007, 2008, 2009)	<ol style="list-style-type: none"> 1. Grant awards were issued to 61 scientists at African institutions in 19 countries to conduct one-year research projects on global environmental change in Africa. All projects have been completed. Further Information at: http://start.org/programs/africangeec 2. 61 final reports have been submitted 3. Approximately 40 peer reviewed papers are either published or under review.
<u>Activity 2:</u> Two rounds of grants were administered to collaborative research groups of scientists in Africa including collaborators in	<ol style="list-style-type: none"> 1. Grant awards were issued to 78 scientists who are part of 20 collaborative research teams (of three or more

the US and Europe. (2010 and 2011)	<p>scientists) at African institutions in 13 countries to conduct one-year research projects on food security and sustainable livelihoods as impacted by global environmental change. Further Information at: http://start.org/news/2011-start-grants-gec-research-africa-announced.html</p> <p>2. Four projects have been completed and manuscripts are in preparation for submission to peer reviewed journals.</p>
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientists and Academics</u> : Support regional research and foster regional scientific capacity related to sustainable development in the context of GEC	
If appropriate, plans for the next steps	

5. Assessments of Urban and Peri-urban agriculture and Climate Change

Background	
<p>Title of Initiative/Programme/Project: Assessments of Urban and Peri-urban agriculture and Climate Change (http://start.org/programs/upa)</p> <p><i>In partnership with UNEP, WMO, IPCC, the University of Ghana, the University of Dar es Salaam and the Bangladesh Centre for Advanced Studies</i></p>	
<p>Element of action pledge on which progress is reported here:</p> <ul style="list-style-type: none"> ⤴ <i>Continue to expand START research activities to support decision-making about climate change adaptation, environmental risk management and the integration of environmental risk management with sustainable development through workshops, science-policy dialogues, advanced institutes and other means.</i> ⤴ <i>Develop research and assessment activities to determine economic/livelihood resilience, determine barriers to economic diversification and enable dissemination of information on strategies for action</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i>
	<i>See:</i> http://start.org/programs/cordex-af
<u>Activity 1</u> : Assessments of urban and peri-urban agriculture and climate change to study impacts of urbanization and global environmental changes	1. 9 city assessments underway in Dakar, Senegal; Tamale, Ghana; Ibadan, Nigeria; Dar es Salaam, Tanzania; Kampala, Uganda; Addis Ababa, Ethiopia; Dhaka, Bangladesh; Kathmandu, Nepal; and Chennai, India.
<u>Activity 2</u> : Stakeholder workshops for diverse	1. 4 stakeholder workshops conducted in

range of participants including urban agriculture researchers, researchers from related areas of expertise, NGO representatives, representatives of farmer-based organizations, city government officials, and ministerial representatives	Accra, Addis Ababa and Kathmandu 2. Communication strategies for reaching out to decision-makers developed. 3. Workshop reports available at: http://start.org/programs/upa
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientists and academicians</u> : Broaden understanding of the climate-related risks to urban and peri-urban agriculture, the vulnerabilities of producers and those involved in the urban food system	
<u>Practitioners</u> : Inform urban and peri-urban decision-making and planning relevant to sustaining urban and peri-urban agriculture	
<u>Agricultural producers</u> : Enhanced understanding of risk from global environmental change and urbanization to livelihoods and strategies for adaptation	
If appropriate, plans for the next steps	

6. Integrated Research for Disaster Risk (IRDR)

Background	
Title of Initiative/ Programme/Project: Integrated Research for Disaster Risk (IRDR) . (http://www.icsu.org/what-we-do/interdisciplinary-bodies/irdr) <i>Co-sponsored by the International Council for Science (ICSU), the United Nations International Strategy for Disaster Reduction (UN-ISDR) and the International Social Science Council (ISSC)</i>	
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ✦ <i>Continued efforts to promote awareness raising and understanding of current and future climate risks through its support for education and capacity building, risk communication and assessment</i> ✦ <i>Continued support for activities that enhance the process of generating and disseminating information and knowledge on adaptation.</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i>
<i>START is designated as the organization that will support capacity building activities in conjunction with other partners under the IRDR program</i>	
<u>Activity 1</u> : Cities at Risk initiative	1. Series of workshops (for details see separate table on Cities at Risk)
<u>Activity 2</u> : Forensic analyses of disasters	1. Planned reports detailing in-depth investigation of factors that contribute to exposure, vulnerability, resilience and recovery from disaster events to inform urban planning
<u>Activity 3</u> : Establish an International Center of	1. Center established at Academia Sinica

Excellence for IRDR	based in Taipei, Taiwan 2. Series of guest lecturer and visiting research fellows, initially from Southeast and East Asia, to be hosted
<u>Activity 4</u> : Workshops on disaster risk and global environmental change	1. Working papers and peer reviewed publications
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientists and Academics</u> : Identification of priority themes for disaster risk research to reduce vulnerability of Asia's megacities to climate risk	
<u>Practitioners and policy makers</u> : Inform decision-making and action to reduce exposure and vulnerability, build resilience and improve recovery from disaster events	
<u>Educators and journalists</u> : Enhanced literacy in global environmental change and disaster risk	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
Expand guest lecturer and fellows program to all regions of the developing world	Enhanced scientific understanding and scientific outputs on disaster risk relevant to multiple regions of the developing world.

7. Coordinated Regional Downscaling Experiment (CORDEX)

Background	
Title of Initiative/ Programme/Project: Coordinated Regional Downscaling Experiment (CORDEX) (http://start.org/programs/cordex-af) <i>In partnership with WCRP, the Climate Systems Analysis Group at the University of Cape Town, the International Center for Theoretical Physics and the Swedish Meteorological and Hydrological Institute</i>	
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ▲ <i>Continued efforts to improve access to and use of observational climate and other data and to disseminate relevant findings to decision-makers across society.</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i> <i>See: http://start.org/programs/cordex-af</i>
<u>Activity 1</u> : Training workshops for core group of African experts on interpretation and analysis of the World Climate Research Program's CORDEX results	<ol style="list-style-type: none"> 1. Series of workshops planned 2. Core group of experts will be generated within Africa to train and advise a future expanded effort on CORDEX analysis, interpretation, and application. 3. Reports detailing the analysis and interpretation of CORDEX data sets for different regions in Africa to be prepared 4. Peer reviewed contributions to the Africa chapter of the IPCC Fifth Assessment Report and to policy briefs

	planned
<u>Activity 2:</u> Engage with a range of decision makers through focused consultative meetings to examine priorities for analysis and application of CORDEX results	<ol style="list-style-type: none"> 1. Series of dialogues with scientists, policy-makers and the vulnerability impacts and adaption community planned 2. Generation of knowledge networks expected 3. Peer reviewed contributions to the Africa chapter of the IPCC Fifth Assessment Report and to policy briefs planned
<u>Activity 3:</u> Special session for the CORDEX-Africa Fellows at the Durban COP-17	<ol style="list-style-type: none"> 1. Networking and interactions with the official delegations from African countries anticipated
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientist and academics:</u> Improve knowledge and skills of African scientists working with climate model outputs. New publications on climate modeling, contribution to IPCC AR5 and engagement with other relevant stakeholders	
<u>Practitioners and policy-makers:</u> Enable climate-aware decision-making and development through outreach between science, policy and practice	
<u>Educators and Journalists:</u> Enhanced climate literacy	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
Planned expansion to Asia	<ol style="list-style-type: none"> 1. Similar to those planned for Asia 2. South-South and North-South science knowledge networks

8. African Climate Change Fellowship Program

Background	
Title of Initiative/ Programme/Project: African Climate Change Fellowship Program (http://start.org/programs/accfp1) <i>Implemented in partnership with the Institute of Resource Assessment at the University of Dar es Salaam (IRA-U DSM) and the African Academy of Sciences (AAS)</i>	
Element of action pledge on which progress is reported here: <ul style="list-style-type: none"> ⤴ <i>Continued support for a number of activities that enhance the process of generating and disseminating information and knowledge on adaptation.</i> ⤴ <i>Promote and enable global environmental change research in the developing world through its networks in developing regions of the world and through its partners.</i> ⤴ <i>Strategically plan future education, fellowship and capacity building programs to develop the next generation of vulnerability and adaptation researchers</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i> <i>See: http://start.org/programs/accfp1</i>

<p><u>Activity 1:</u> Fellowships for African professionals, researchers, educators and graduate students to undertake activities that enhance their capacities for advancing and applying knowledge for climate change adaptation in Africa</p>	<ol style="list-style-type: none"> 1. ACCFP Fellowships were awarded to 45 individuals from 40 institutions in 18 African countries in Round 1 2. 45 individually designed projects implemented. 3. Tangible and sustained networks of institutions and individuals in Africa 4. 21 Peer reviewed publications and more than 40 manuscripts either submitted or under preparation
<p><u>Activity 2:</u> Program workshops with targeted training sessions to added value to the research experience</p>	<ol style="list-style-type: none"> 1. Outputs and details available in: Details available in the ACCFP Round 1 report: http://start.org/download/2011/technical-report-accfp-8.2007-12.2010.pdf
<p><u>Activity 3:</u> ACCFP Round 1 Culmination Conference, held 8-10 December 2010 in Dakar, Senegal</p>	<ol style="list-style-type: none"> 1. Key lessons learned from the ACCFP experience recorded, including opportunities for and potential challenges to building on the success of the Round 1 effort in promoting adaptation science in Africa. Details available in the ACCFP Round 1 report: http://start.org/download/2011/technical-report-accfp-8.2007-12.2010.pdf
<p>Potential application/implication for the adaptation community within and beyond the NWP network</p>	
<p><u>Scientists and academics:</u> Enhanced scientific research capacity. Fellows received small grants that enabled them to visit other institutions – “Host Institutions” – where they collaborate with mentors to implement individually-designed projects that, for example, assess and prioritize climate risks, investigate current practices for designing and implementing adaptation projects, consider approaches for integrating adaptation with planning and practice and/or develop and implement curriculum that promotes integration of climate change and climate change adaptation into graduate level education.</p>	
<p><u>Practitioners and policy makers:</u> Many Fellowship projects directly supported adaptation decision-making</p>	
<p>If appropriate, plans for the next steps</p>	
<p><i>Planned activity</i></p>	<p><i>Expected output(s)</i></p>
<p>Phase II of the ACCFP was initiated in early 2011 and includes two, overlapping rounds of Fellowship awards and supporting activities</p>	<p>A total of 50 Fellowships will be awarded, distributed across the following categories: Adaptation Science Fellowships, Adaptation Policy Fellowships and Adaptation Teaching Fellowships</p>

9. Forum on Education, Capacity Building, and Climate Change: A Strategy for Collective Action in Africa and the Africa Climate, Research and Education Network (ACRE-Net)

Background	
<p>Title of Initiative/ Programme/Project: Forum on Education, Capacity Building, and Climate Change: A Strategy for Collective Action in Africa and the Africa Climate, Research and Education Network (ACRE-Net) <i>Implemented in partnership with the Pan-African START Secretariat, University of Dar es Salaam. Financial support by the Open Society Institute.</i></p>	
<p>Element of action pledge on which progress is reported here:</p> <ul style="list-style-type: none"> ⤴ <i>Strategically plan future education, fellowship and capacity building programs to develop the next generation of vulnerability and adaptation researchers</i> ⤴ <i>Continue to support a number of activities that enhance the process of generating and disseminating information and knowledge on adaptation.</i> 	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i>
<p><u>Activity 1:</u> Forum on Education, Capacity Building, and Climate Change: A Strategy for Collective Action in Africa, Dar es Salaam, Tanzania</p>	<ol style="list-style-type: none"> 1. Strategy for near, medium and long-term actions to support education, research, and outreach on adaptation in Africa. 2. Development of the <i>African Climate Research and Education Network (ACRE-Net)</i> to develop and implement actions to support this strategy
Potential application/implication for the adaptation community within and beyond the NWP network	
<p><u>Academics and educators:</u> Forum explored the role of African universities in promoting education on climate change adaptation in the areas of research, curriculum development and teacher training.</p>	
<p><u>Practitioners, policy makers and civil society:</u> Forum also explored examined issues of how to more fully engage civil society on adaptation through education aimed outside the university</p>	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
<p>START and African university partners are working together to strongly promote ACRE-Net, and inaugural activities of the network are expected in 2011 and beyond</p>	<ol style="list-style-type: none"> 1. Targeted inventory of universities, NGOs/CSOs and other organizations and institutions involved in climate change related activities in Africa. 2. Identify existing partnerships and opportunities for expansion

10. National Level Science-Policy Dialogues on Climate Change and Development

Background
<p>Title of Initiative/ Programme/Project: National Level Science-Policy Dialogues on Climate Change and Development (http://start.org/programs/ccmap) <i>In partnership with the WMO, UNEP, IPCC, the University of Ghana, the University of Dar es Salaam, and the Bangladesh Center for Advanced Studies</i></p>

Element of action pledge on which progress is reported here: [▲] <i>Continue to support a number of activities that enhance the process of generating and disseminating information and knowledge on adaptation.</i>	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i> <i>See: http://start.org/programs/ccmap</i>
Activity 1: National Science-Policy dialogues	<ol style="list-style-type: none"> 9 dialogues organized for scientists, policy-makers and other stakeholders Ghana, Nigeria, Senegal, Tanzania, Rwanda, Burundi, Bangladesh, Nepal, and Bhutan. Reports from the dialogues available at: http://start.org/programs/ccmap
Potential application/implication for the adaptation community within and beyond the NWP network	
<p><u>Scientists and academicians:</u> Identify priority areas for research and assessment of climate change risks to development</p> <p><u>Practitioners and policy makers:</u> Dialogue outcomes intended to enable decision-makers to better integrate climate change issues in development planning and poverty reduction measures.</p>	
If appropriate, plans for the next steps	

11. START's Partnership with Asia-Pacific Newtwork for Global Change Research (APN)

Background	
Title of Initiative/Programme/Project: START's Partnership with Asia-Pacific Newtwork for Global Change Research (APN) (http://start.org/programs/apn)	
Element of action pledge on which progress is reported here: [▲] <i>Promote and enable global environmental change research in the developing world through its networks in developing regions of the world and through its partners.</i> [▲] <i>Continued support for a number of activities that enhance the process of generating and disseminating information and knowledge on adaptation.</i>	
Activities undertaken and main outputs	
<i>Activity</i>	<i>Outputs</i> <i>See: http://start.org/programs/apn</i>
Activity 1: Secure and administer support from the USGCRP to provide grant awards to collaborative research groups in Asia-Pacific Region	<ol style="list-style-type: none"> START supported 74 one-year grant sub-awards to 63 collaborative research groups during 2006, 2007, 2008 and 2009. All projects have been completed. The grant sub-awards supported through START can be found at: http://start.org/programs/apn. Further information is available on the APN

	<p>website (www.apn-gcr.org).</p> <p>2. START supported 26 one-year grant sub-awards to 95 scientists in 22 countries in the Asia-Pacific region and the USA during 2010 and 2011. The projects are currently in progress.</p>
Potential application/implication for the adaptation community within and beyond the NWP network	
<u>Scientists and Academics:</u> Support regional research and foster regional capacity related to sustainable development in the context of GEC	
If appropriate, plans for the next steps	
<i>Planned activity</i>	<i>Expected output(s)</i>
Regional science-policy dialogue	APN National Focal points and associated national government agency representatives will be engaged in a 2-3 day session