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| Name: | 28. THE PANGANI RIVER BASIN MANAGEMENT PROJECT (PRBMP) | | |
| Region | Africa | Country | Tanzania |
| Ecosystem | Inland water; Agriculture | | |
| Nature of approach | Improvement in capacity, design and policy measures (identifying and/or developing adaptation approach, raising awareness; incorporation into relevant strategies); Implementation of EBA measures (natural resource management) | | |
| Description of approach | <p>Objective/Expected outcomes</p> <p>In a region where water demand is already outstripping supply, and 80% of the population relies either directly or indirectly on agriculture for their livelihoods, the project aimed at increasing the resilience of the region and its people to the changing climate and growing potential for water scarcity.</p> <p>With flows already significantly reduced, leading to conflicts between users, coupled with lack of information to base decisions on, the project set out to improve the management of the basin's water resources, through the provision of technical data to enable planning and improved allocation, as well as capacity building and awareness-raising.</p> <p>Actions</p> <p>By undertaking an assessment to capture the status of the flows along with knowledge on the Pangani River system and its users, it was possible to develop scenarios for future water allocation decision options. Establishment of water catchment associations provided a forum for community participation in water management decisions.</p> <p>Results achieved</p> <p>The process has empowered communities and local government to make informed decisions about water management. In turn this helps to manage conflicts over water resources allocation between upstream and downstream, including to ecosystems that store water, regulate flows and support the livelihoods of different users such as farmers and pastoralists.</p> <p>Lessons learned</p> <ul style="list-style-type: none"> - Water is at the core of many climate change impacts, and so ecosystem-based adaptation approaches are often an appropriate strategy to employ to help people adapt to the adverse impacts of climate change. - The project also demonstrates the importance of involving local communities in the planning and implementation of ecosystem based approaches to adaptation | | |
| Type of organisation | NGO; IGO; UN Agency | Name of organisation: | Pangani River Basin Management Project; IUCN; UNDP |
| Further information and contact details | <p>http://www.panganibasin.com/index.php/prbmp/</p> <p>http://www.undp-adaptation.org/portfolio/projectR.php?id=39</p> <p>Colls, A., Ash, N. and Ikkala, N (2009). Ecosystem-based Adaptation: a natural response to climate change. Gland, Switzerland: IUCN</p> <p>Contacts: Pangani Basin Water Officer – pbwo@panganibasin.com or IUCN ESARO - info.esaro@iucn.org</p> | | |