

Fostering Disaster Resilient Communities to Climate Change Induced Disasters

Remote Geo-Hazards Capacity Building and Monitoring Phase-II

Dushanbe, 2011



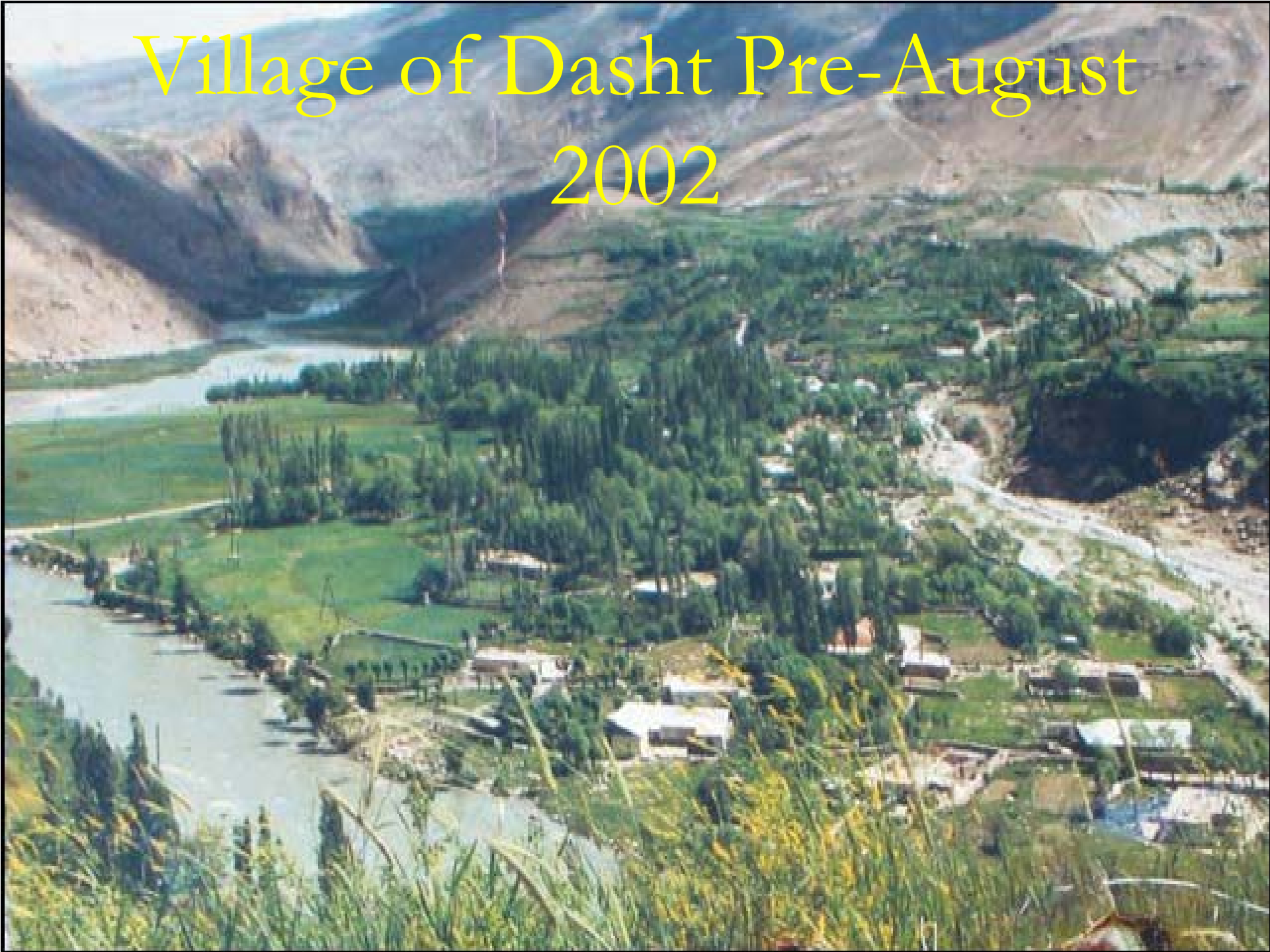
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Village of Dasht Pre-August 2002



Village of Dasht Post-August 2002



Joint European / Tajik Scientific Assessment in the Pamir Region in 2003-2005 and 2008-2009

- Identified over 200 glacial lakes
- Identified thousands of village community members living at-risk from potential for GLOFs
- Tens of millions \$ of assets at-risk
- Provided recommendations to mitigate against these hazard threats including:
 - Establishing regular monitoring and early-warning
 - Building capacity of institutions to manage these risks
 - Building the capacity and awareness of communities



* Assessment lead by the University of Natural Resources and Applied Life Sciences based in Vienna, Austria

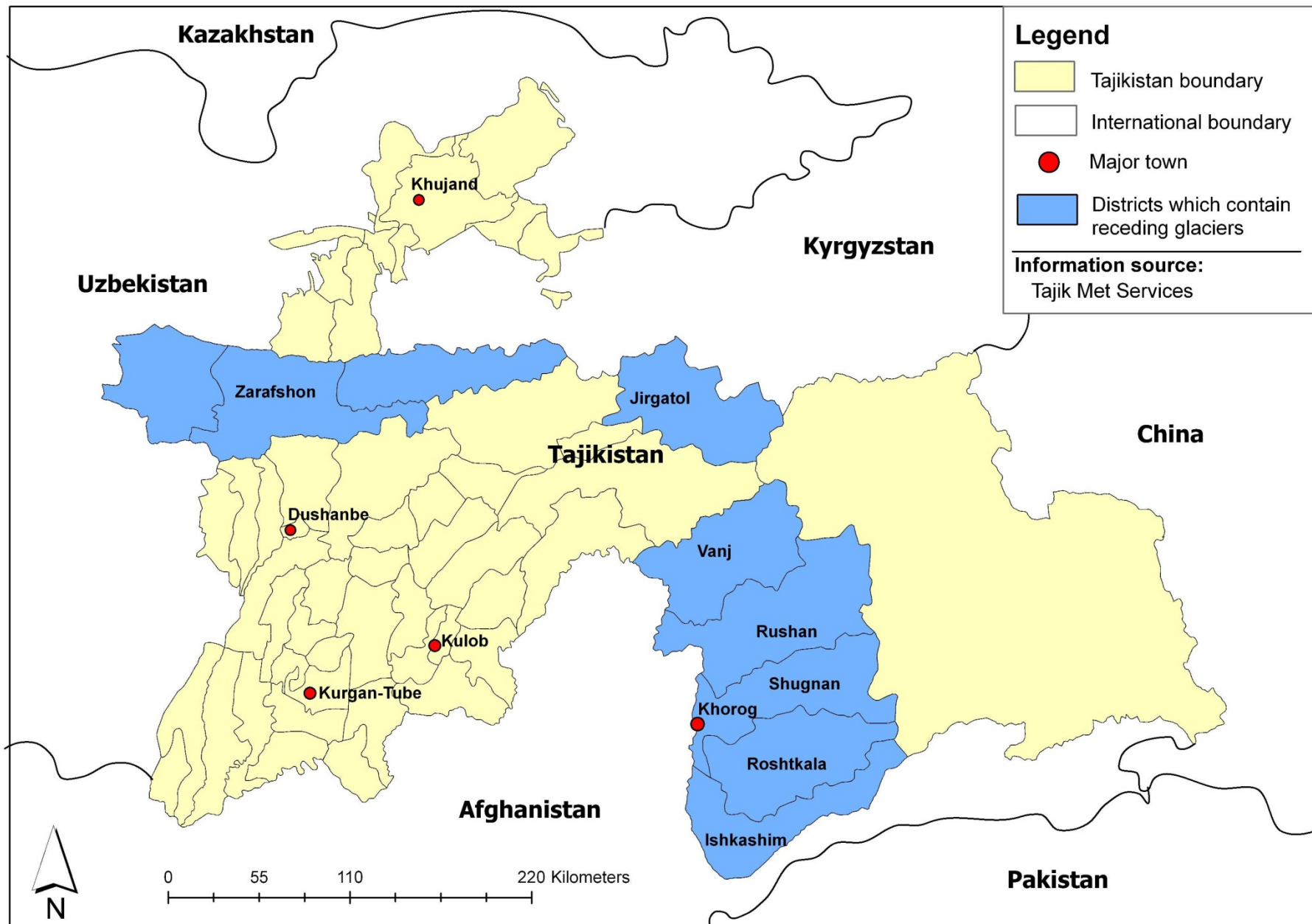


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Project Coverage Areas Containing Receding Glaciers



Remote Geo-Hazards Capacity Building and Monitoring Project Phase II

- Goal: Foster resiliency to glacial lake outburst flood (GLOF) risks in Tajikistan
- Duration: 24 months
- Beneficiaries: 55,000
- Funding:
 - 42% United Kingdom's Department for International Development (DFID)
 - 42% Swiss Agency for Development and Cooperation (SDC)
 - 10% Aga Khan Development Network (AKDN) / FOCUS
 - 6% WelthungerHilfe (GAA)
- Implementing Partners:
 - Focus, Aga Khan Foundation / MSDSP
 - Welthungerhilfe
- State Partners:
 - Tajik Government Departments of Hydrometeorology, Geology, Seismology and Committee of Emergency Situations

Remote Hazards Project

Objectives

- Further strengthening the existing awareness, assessment, monitoring and emergency response capacity of national government institutions responsible to manage these risks including Hydromet, TajikGeology and the CoES Information and Analytical Centre (IMAC)
- Enhancing the awareness, preparedness monitoring and response capacity of local community threatened by these risks in Zarafshan, GBAO and Jirgital



Remote Hazards Project Phase 2

□ Expected Project Outcomes:

- 1) Upon completion of the project 49 communities are expected to be more disaster resilient as a result of community-based disaster risk reduction activities in all 49 communities throughout GBAO, Zarafshan and Jirgital including:
 - Risk assessments and hazard mapping
 - Installation of hazard monitoring tools, (7 Zarafshan, 22 in GBAO), small-scale early-warning systems and structural mitigation works (15 in Zarafshan, 20 in GBAO), community emergency communication system in Zarafshan (8 nos)
 - Establishment of additional pre-positioned emergency stocks in Zarafshan and GBAO with a provisions considered for 125 households
- 2) To further build and enhance the existing capacity of Government partners, TajikGlavGeology, Hyrdomet, CoES through apprenticeship in conducting the risk assessment, usage of modern tool such as GIS and remote sensing data and equipping them with the required equipment to more:
 - Independently assess and map hazard risks
 - More effectively respond in disaster situations
- 3) Further enhance the capacity of Disaster response group (CERTs) (13 in GBAO AND NEW 8 IN Zarafshan)



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Thank you / Questions

Dushanbe, November 2011



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