Regional Resilient Pastoral Livelihoods Project in Kyrgyzstan

Oliver Mundy, Technical Specialist
International Fund for Agricultural Development
International Fund for Agricultural Development

- International financial institution and a specialized United Nations agency based in Rome
- Financing agricultural programmes of governments
- Since 1978, US$21.5 billion in grants and low-interest loans
- Empowering rural people to reduce poverty, increase food security, improve nutrition and strengthen resilience
Using Earth Observation and GIS

**Project stage**  |  **Benefits**
---|---
Design |  ● Targeting and informed decision making in project design (*many spatial data sets on various themes freely available*)

Implementation |  ● Risk identification (e.g., extent of road networks)

Evaluation |  ● Verifying project activities
  ● Strategic planning and supervision
  ● Remote monitoring (e.g., irrigation schemes in conflict areas)

  ● Impact assessments
  ● Communication (e.g., maps & videos showing project impacts)
New upcoming IFAD-funded project

Regional Resilient Pastoral Communities Project (RRPCP)

- **IFAD financing**: USD 31 M
- **Objective**: Improved livestock and pasture health and productivity and enhanced climate resilience of pastoral communities
- **Implementation**: Ministry of Agriculture, Food Industry and Melioration
- **Status**: Loan negotiations
Theory of change

Current situation

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<tr>
<th>High reliance on pastures</th>
<th>Low reliance on pastures</th>
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Future

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The size of the spheres represents numbers of people
Collaboration with Pasture User Unions (PUU), represented by elected Pasture Committees

Livestock move beyond municipalities and use areas of the State Forest Funds

Moving towards district-level planning with State Forest Funds

**Phases:**
1. Developing integrated pasture-forest management plans
2. Financing activities of the management plans
EO4SD support

Proposal development

In-depth-analysis of climate vulnerability for co-financing proposal

(activity nearly completed)

Implementation support

Provide earth observation products for integrated forest-pasture management plans

(once project starts)
EO4SD support

In-depth-analysis of climate vulnerability for co-financing proposal

- Erosion
- Floods
- Landslides
- Vegetation conditions
- Multi-hazard maps
EO4SD support

Provide earth observation products for integrated forest-pasture management plans

- Infrastructure
- Identify areas of poor quality, eroded land on winter pastures
- Afforestation
- Restoration of riverine vegetation
- Measures to prevent soil erosion, mudslides and floods
- Water management measures
Thank you!

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