



Fencing pasture to demonstrate pasture rehabilitation (Zevarshoev Askarsho)

Rehabilitation of Pasture Land through fencing (Tajiquistão)

Баркароркунии чарогох бо усули маҳкамкунии гирду атрофи он

DESCRIÇÃO

The approach demonstrates the effect and importance of rotational grazing by fencing certain areas of land in pasture areas as well as it demonstrates the rehabilitation process in comparison to the open space which is overgrazed. The approach involves mobilizing communities to observe the rehabilitation process by not grasing in the area for a certain period of time.

Community member's understanding, especially the members of PUUs, is low on the rehabilitation techniques of degraded pasture and the effect of rotation on a timely use of different pasture plots. In order to demonstrate the result of grazing a demonstration site in the area of one hectare was fenced. In comparison to this plot the community routinely grazed the open space, next to the fenced plot. In a short period of one season the result demonstrates that the plot, which is fenced, is faster rehabilitated compared to the open space next to it, which was uncontrolled grazed by the community .

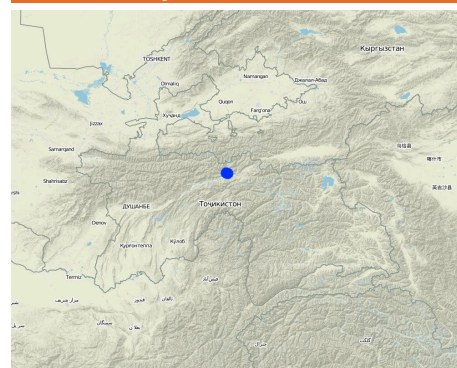
The result also shows that productivity is increased in that plot and was used for collecting fodder for off-season during wintertime.

Through organizing field days and exposure of farmers to this area, farmers understanding on applying rotation and sustainable use of pasture area is increased.

The approach was applied in the open field of community pasture, which has been previously overgrazed and abandoned as unused land. In collaboration with the community level organization the land use rights were arranged for one of the land users and the territory was fenced in the area of one hectare. The fenced area was protected for only one season but showed good results compared to the open field next to it nonetheless.

In a short period the approach demonstrates how effective applying a sustainable grazing plan is, which land users also liked. Community members, who also owned livestock acquired a simple approach to protect their pasture and applied the approach when developing their pasture and livestock management plan.

LOCALIZAÇÃO



Localização: Sub-ordinate district of the republic, Central Asia/Tajikistan/Rasht Valley, Tajiquistão

Geo-referência de locais selecionados

- 71.0, 39.202
- 70.96852, 39.20948

Data de início: n.a.

Ano de término: n.a.

Tipo de abordagem

- ☐ Tradicional/Indígena
- ☒ Iniciativa/Inovação local recente
- ☐ Baseado em projeto/programa



Fencing of the open pasture area (Zevارشoev Askarsho)



Fencing degraded pasture area and tree planting to stabilize the land (Zevارشoev Askarsho)

OBJETIVOS DE APROXIMAÇÃO E AMBIENTE PROPÍCIO

Principais metas / objetivos da abordagem

The main objective to use this approach is to raise awareness of the community members on the cause of overgrazing and demonstrating the technique of rehabilitation and sustainable use of pasture through effective pasture rotations.

Condições que permitem a implementação da Tecnologia(s) aplicada(s) sob a Abordagem

- **Normas e valores sociais/culturais/religiosos:** There are no obstacles from any norms to contribute to the sustainable use of the natural resource. The religious and cultural norms are motivating sustainable use of pasture resource, especially the religious norms considering the nature as a gift from heaven.
- **Governança da terra (tomada de decisões, implementação e aplicação):** The approach motivates ownerships interest over land resources and demonstrates the private interest in protection and rehabilitation of the land resource.
- **Conhecimento sobre GST, acesso a suporte técnico:** The approach is not very technically, just simple fencing which is applied in all aspects by community.

Condições que dificultam a implementação da Tecnologia(s) aplicada(s) sob a Abordagem

- **Disponibilidade/acesso a recursos e serviços financeiros:** Access to materials for fencing the big area of land in other communities for replication can be problematic. Moreover, pasture land is considered as common community resource, therefore there are less incentives for investing financial resources.
- **Carga de trabalho, disponibilidade de força de trabalho:** Because of high rate of migration of youth there is not enough manpower available in these rural areas, which is making it difficult for older generation to work in the field.

PARTICIPAÇÃO E PAPEL DAS PARTES INTERESSADAS ENVOLVIDAS

Partes interessadas envolvidas na abordagem e seus papéis

Que partes interessadas/órgãos de implementação estavam envolvidos na abordagem?	Especifique as partes interessadas	Descreva o papel das partes interessadas
Usuários de terra/comunidades locais	members of dehkan/peasant farms, land owners	to serve as manpower to fence and protect from herds encroachment into the plot
Organizações comunitárias	village organizations	organize and mobilize communities to learn from the demonstration and incentives to establish similar plots into their pasture areas.
Pesquisadores	from university	to observe the process of rehabilitation and the trends of degradation prevention
Governo local	land committee, environmental protection committee	support by providing land title over the land plot and provide incentive for rehabilitation of such degraded lands

Envolvimento do usuários de terra/comunidades locais nas diferentes fases da abordagem

	Nenhum	Passivo	Apoio externo	Participativo	Automobilização	
Iniciação/motivação	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community members that grazed in the area and did not have official ownership over the land were not very interested in rehabilitation of the degraded lands, as they have other open areas for grazing.
Planejamento	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The community is not very much aware of the effect and impact of approach in contributing into the prevention of degradation.
Implementação	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	External support from project motivates community members to work by themselves and to follow up on the process.
Monitoramento/avaliação	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	During the monitoring by project staff, community members were interested to learn and observe the rehabilitation process.

Fluxograma

Tomada de decisão sobre a seleção da Tecnologia GST

As decisões foram tomadas por

- ☐ Somente usuários da terra (iniciativa própria)
- ☐ Principalmente usuários da terra, apoiados por especialistas em GST
- ☐ todos os atores relevantes, como parte de uma abordagem participativa
- ☒ Principalmente especialistas em GST, após consulta com usuários da terra
- ☐ Somente especialistas em GST
- ☐ Políticos/líderes

As decisões foram tomadas com base em

- ☐ Avaliação de conhecimento bem documentado de GST (tomada de decisão baseada em evidências)
- ☐ Resultados de pesquisa
- ☒ Experiência pessoal e opiniões (não documentado)

SUPORTE TÉCNICO, REFORÇO DAS CAPACIDADES E GESTÃO DO CONHECIMENTO

As seguintes atividades ou serviços têm sido parte da abordagem

- ☒ Reforço das capacidades/ formação
- ☒ Serviço de consultoria
- ☐ Fortalecimento da instituição (desenvolvimento organizacional)
- ☒ Monitoramento e avaliação
- ☐ Pesquisa

Reforço das capacidades/formação

Foi fornecido treinamento às seguintes partes interessadas

- ☒ Usuários de terra
- ☐ Equipe de campo/consultores

Tipo de formação

- ☒ Em exercício
- ☐ Agricultor para agricultor
- ☐ Áreas de demonstração
- ☐ Reuniões públicas
- ☐ Cursos

Assuntos abordados

Pasture management techniques on how to graze; the impact of overgrazing; how to protect pasture; carrying capacity of pasture.

Serviço de consultoria

Foi prestado um serviço de consultoria

- ☒ nas áreas dos usuários da terra
- ☐ Em centros permanentes

During the field visit technical support and recommendation were provided to land users.

Monitoramento e avaliação

Monitoring of the approach from time to time shows the clear result of the approach effects. During monitoring, project technical staff checked the progress and evaluated the results on how the situation changed with applying the approach. The difference was reflected in the progress reports and also shared with land users to better understand the approach implementation results.

FINANCIAMENTO E APOIO MATERIAL EXTERNO

Orçamento anual em USD para o componente GST

- ☐ < 2.000
- ☐ 2.000-10.000
- ☐ 10.000-100.000
- ☐ 100.000-1.000.000
- ☐ > 1.000.000

Precise annual budget: 1200.0

ELMARL project, funded by World Bank and implemented by Committee on Environmental Protection

Os seguintes serviços ou incentivos foram fornecidos aos usuários de terras

- ☒ Apoio financeiro/material concedido aos usuários da terra
- ☒ Subsídios para insumos específicos
- ☐ Crédito
- ☐ Outros incentivos ou instrumentos

Apoio financeiro/material concedido aos usuários da terra

The project is funded by SDC, implemented by MSDSP and materials for fencing (nets, columns etc.,) were provided under this project to community.

Parcialmente financiado
Totalmente financiado

net for fencing
fencing materials (nets, columns for fixing the net) was provided to fence the area around

A mão-de-obra dos usuários da terra foi

- ☒ Voluntário
- ☐ Comida por trabalho
- ☐ Pago em dinheiro
- ☐ Recompensado com outras formas de apoio material

ANÁLISE DE IMPACTOS E DECLARAÇÕES FINAIS

Impactos da abordagem

A abordagem concedeu autonomia aos usuários locais de terra, melhorou a participação das partes interessadas?
Land users learnt how effective the approach can contribute to the rehabilitation of degraded pasture area as a result of overgrazing.

Não
Sim, pouco
Sim, moderadamente
Sim, significativamente

A abordagem auxiliou os usuários da terra a implementar e manter as tecnologias de GST?
Simple technology of fencing was applied to demonstrate the effect of the chosen approach.

A abordagem melhorou a igualdade de gêneros e concedeu autonomia a mulheres e meninas?
Women/girls who are mainly responsible for fodder provision to livestock appreciate the approach, because it can easily can easily help to provide big amounts of fodder.

A abordagem melhorou as questões de posse de terra/diretos do usuário que inibiam a implementação das tecnologias de GST?
Those community members who do not own land are provided with incentives to get access to the those land abandoned and overgrazed. They are supported by the fencing project to rehabilitate and cultivate additional fodder crops.

A abordagem aprimorou a capacidade dos usuários da terra de adaptar-se a mudanças climáticas/extremos e atenuar os desastres relacionados com o clima?
The approach motivates land users to rehabilitate degraded pastures, which also prevents natural hazards and improve carbon sequestration.

A abordagem resultou em emprego, oportunidades de renda?
Through improving land conditions fodder was collected from the area, which brought additional income as the need to buy additional fodder for livestock was lowered.

Principal motivação dos usuários da terra para implementar a GST

- ☒ Produção aumentada
- ☒ Lucro (lucrabilidade) aumentado, melhora da relação custo-benefício
- ☒ Degradação do solo reduzida
- ☒ Riscos de desastre reduzido
- ☐ Carga de trabalho reduzida
- ☐ Pagamentos/subsídios
- ☐ normas e regulamentos (multas)/aplicação
- ☐ Prestígio, pressão social/coesão social
- ☐ Afiliação a movimento/projeto/grupo/rede
- ☐ Consciência ambiental
- ☐ Costumes e crenças, moral
- ☒ melhoria dos conhecimentos e aptidões de GST
- ☐ Melhoria estética
- ☐ Atenuação de conflitos

Atividades de sustentabilidade de abordagem

Os usuários da terra podem sustentar o que foi implementado através da Abordagem (sem apoio externo)?

- ☐ Não
- ☒ Sim
- ☐ Incerto

When land users knowledge and understanding improved on how controlled grazing can contribute to pasture rehabilitation they started to apply the approach in a bigger pasture area. After the approach showed good results the community started to consider rotational grazing in their pasture and livestock management plan, which the community develops every year.

CONCLUSÕES E EXPERIÊNCIAS ADQUIRIDAS

Pontos fortes: visão do usuário de terra

- rehabilitation of the pasture
- clear demonstration of results in a short period of time

Pontos fortes: a visão do/a compilador/a ou de outra pessoa capacitada

- demonstrates results in a short term
- affordable to demonstrate in different areas
- easily replicable, cost effective

Pontos fracos/desvantagens/riscos: visão do usuário de terracomo superar

Pontos fracos/desvantagens/riscos: a visão do/a compilador/a ou de outra pessoa capacitadacomo superar

- Failure because of other external shocks may results in land users not perceiving the approach . should be well documented to show the effect

REFERÊNCIAS

Compilador/a
Askarsho Zevarshoev

Editores

Revisor
Yacime Khadraoui
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Data da documentação: 24 de Março de 2018

Última atualização: 7 de Junho de 2018

Pessoas capacitadas

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Descrição completa no banco de dados do WOCAT

https://qcat.wocat.net/pt/wocat/approaches/view/approaches_3463/

Dados GST vinculados

Technologies: Технология управления пастбищами в условиях Западного Памира

https://qcat.wocat.net/pt/wocat/technologies/view/technologies_1363/

Technologies: Establishment of a paddock system and improvement of degraded pastureland.

https://qcat.wocat.net/pt/wocat/technologies/view/technologies_4276/

A documentação foi facilitada por

Instituição

- Aga Khan Foundation (AKF) - Suíça

Projeto

- Integrated Health and Habitat Improvement in Rasht Valley, Tajikistan

Referências-chave

- Zevarshoev Askarsho, SLM specialist, 2016: upon request, free of charge

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