

Grass on dunes and in streets, no bushes, good condition.

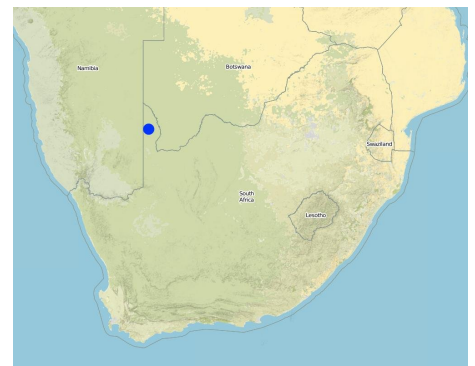
Rehabilitation techniques in southern Kalahari - Vegetative and Management (Sudáfrica)

DESCRIPCIÓN

Shared interest by Mier Management Council and Provincial Department of Agriculture

Aims / objectives: Initially a combined effort by Department of Agriculture and Mier Management Council to combat degradation of game camps. Directed towards a male dominated farming community, also involving a few females (ages ranging from middle to old age). An objective was to educate towards awareness to degradation and techniques involving the rehabilitation of these areas and the prevention of getting to this state. Also including methods which prevent returning to this state. Initially using farmer's days - education. Research came later, focussing on understanding the ecology of the area and then to concentrate on rehabilitation techniques. This was later introduced in farmer's days, school education and education of management council. Stages of implementation: 1) Realisation by management council that veld was degraded. 2) Department of Agriculture requested to assist in the form of trial and error (i.e. resting camps, poisoning of shrubs). 3) Resting of camps showed no improvement, so Department requested assistance from Agricultural Research Council (Range and Forage Institute) to gain understanding of ecology of area. 4) Once understanding gained and techniques developed, education in the form of farmer's days, school days and management council. Role of participants: 1) Nature Conservation: Initially involved in game number management. 2) Department of Agriculture: Advisory capacity management of techniques. 3) ARC - Research and advisory. 4) Management council's labour control. 5) Community - involved through council in decision-making's also jobs provided through labour.

LUGAR



Lugar: Northern Cape, Sudáfrica

Georreferencia de sitios seleccionados

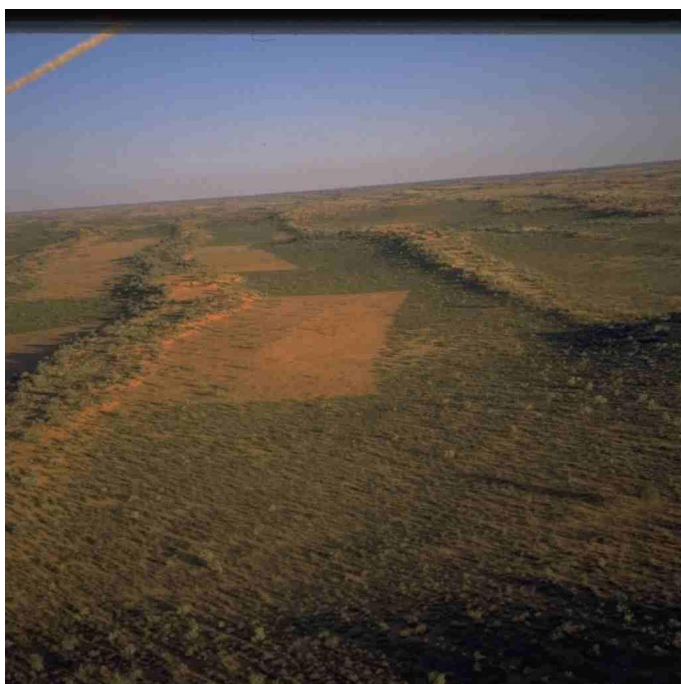
- 20.25, -25.925

Dato de inicio: 1988

Año de conclusión: n.d.

Tipo de Enfoque

- ☐ tradicional/ local
- ☐ iniciativa local reciente/ innovadora
- ☒ proyecto/ basado en un programa



Bush packing, dunes in the Kalahari Different techniques of bush backing.



Grass on dunes and in streets, no bushes "good condition."

METAS DEL ENFOQUE Y ENTORNO FACILITADOR

Propósitos/ objetivos principales del Enfoque

The Approach focused mainly on SLM with other activities (Income generation for tax subsidy in the community, job creation for males in the community, land care, development of eco-tourism, collaboration with local leadership)

Education in techniques to combat desertification, also in prevention of degradation Financial empowerment Management techniques

The SLM Approach addressed the following problems: Finance, education (very little education with regards to labours)

Condiciones que facilitan la implementación de la/s Tecnología/s aplicadas bajo el Enfoque

- **Marco de trabajo legal (tenencia de tierra, derechos de uso de tierra y agua):** The existing land ownership, land use rights / water rights moderately helped the approach implementation: Hinder: moderate Farm-government won't allow farmers to own land so attitude can be negative. Community reaps benefits from game farms.

Condiciones que impiden la implementación de la/s Tecnología/s aplicadas bajo el Enfoque

- **Disponibilidad/ acceso a recursos y servicios financieros :** Very poor community Treatment through the SLM Approach: Landcare (money)
- **Entorno institucional:** Financial - no money in Institute and Department Treatment through the SLM Approach: Money
- **Otros:** Political: leads to mistrust and uneasiness w.r.t. Money Treatment through the SLM Approach: Work on the problem at hand and ignore politics

PARTICIPACIÓN Y ROLES DE LAS PARTES INTERESADAS INVOLUCRADAS

Partes interesadas involucradas en el Enfoque y sus roles

¿Qué partes interesadas/ entidades implementadoras estuvieron involucradas en el Enfoque?	Especifique las partes interesadas	Describa los roles de las partes interesadas
usuarios locales de tierras/ comunidades locales	Working land users were mainly men (Women did not work on project because of long distance to work).	Labour, management. Labour work far too heavy for women (injuries have occurred). Women are directed towards cultivation techniques of Harpagophytum procumbens or basic homeskills (sewing etc.) Males - chopping & packing Rhigozum on dunes (degraded dunes).
profesores/ niños en edad escolar/ estudiantes		
ONG		Research, management, education
gobierno nacional (planificadores, autoridades)		Funding

Involucramiento de los usuarios locales de tierras/ comunidades locales en las distintas fases del Enfoque

	ninguno	pasivo	apoyo externo	interactivo	auto-movilización	
iniciación/ motivación	☒	☐	☐	☐	☐	workshops/seminars, public meetings; Discussions to indicate where researchers see the project going and how the land users would like to see it go.
planificación	☐	☐	☐	☒	☐	workshops/seminars, public meetings; Field workshops & meetings- discuss how and where the project should be carried out.
implementación	☐	☐	☒	☐	☐	responsibility for major steps; Labour used for bushpacking responsibility for LandCare committee for salaries and labour.
monitoreo y evaluación	☒	☐	☐	☐	☐	public meetings,measurements/observations, reporting, workshop/seminars; Monitoring of project is on going by researchers with help of few labours. Congresses/workshops are used to describe process & public meetings allow community to be informed.
Research	☒	☐	☐	☐	☐	on-station; On-farm & on-station is ongoing. Lab work for information on germination processes.

Flujograma

Approach

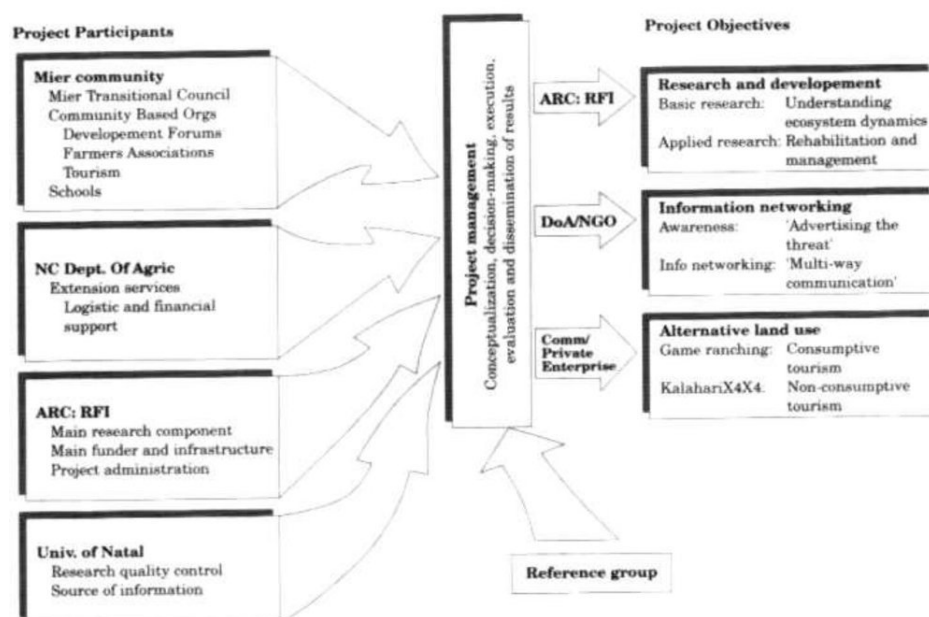


Figure 2. Combating desertification in Mier, a holistic approach based on research and development, information networking and alternative forms of land use.

La toma de decisiones en la selección de Tecnología MST

Las decisiones fueron tomadas por

- ☐ solamente usuarios de tierras (autoiniciativa)
- ☐ principalmente usuarios de tierras con el apoyo de especialistas MST
- ☐ todos los actores relevantes, como parte de un enfoque participativo
- ☒ principalmente por especialistas MST en consulta con usuarios de tierras
- ☐ solo por especialistas MST
- ☐ por políticos/ líderes

La toma de decisiones se basa en

- ☐ la evaluación de conocimiento MST bien documentado (la toma de decisiones se basa en evidencia)
- ☐ hallazgos de investigaciones
- ☐ la experiencia personal y opiniones (no documentadas)

APOYO TÉCNICO, FORTALECIMIENTO INSTITUCIONAL Y GESTIÓN DEL CONOCIMIENTO

Las siguientes actividades o servicios fueron parte del enfoque

- ☒ Construcción de capacidades / capacitación
- ☒ Servicio de asesoría
- ☒ Fortalecimiento institucional (desarrollo institucional)
- ☒ Monitoreo y evaluación
- ☒ Investigación

Construcción de capacidades/ capacitación

Se proporcionó capacitación a las siguientes partes interesadas

- ☒ usuarios de tierras
- ☐ personal de campo/ consejeros
- ☒ school children/students, planners, politicians/decision makers

Forma de capacitación

- ☐ en el contexto de trabajo
- ☒ de agricultor a agricultor
- ☒ áreas de demostración
- ☐ reuniones públicas
- ☐ cursos

Temas avanzados

Rehabilitation ecological processes, cultivation, preventative agriculture

Servicio de asesoría

Se proporcionó servicio de asesoría

- ☒ en los campos de los usuarios de tierras
- ☒ en centros permanentes

Name of method used for advisory service: Not formal approach; Key elements: Education, Labour, Development; 1) Advisory service was carried out through: government's existing extension system Extension staff: mainly government employees 3) Target groups for extension: land users, school children/students; Activities: Bushpacking techniques, education; Education

Advisory service is inadequate to ensure the continuation of land conservation activities; The project is still in first phase - next phase will include female portion of community.

Fortalecimiento institucional

Se fortalecieron/ establecieron instituciones

- ☐ no
- ☒ sí, un poco
- ☐ sí, moderadamente
- ☐ sí, mucho

en el siguiente nivel

- ☒ local
- ☐ regional
- ☐ nacional

Describa la institución, los roles y las responsabilidades, miembros, etc.

Tipo de apoyo

- ☐ financiero
- ☐ construcción de capacidades/ entrenamiento
- ☒ equipo
- ☒ advise

Detalles adicionales

Monitoreo y evaluación

bio-physical aspects were regular monitored through measurements technical aspects were ad hoc monitored through observations socio-cultural aspects were ad hoc monitored through observations economic / production aspects were regular monitored through measurements area treated aspects were regular monitored through measurements no. of land users involved aspects were ad hoc monitored through observations management of Approach aspects were ad hoc monitored through observations There were few changes in the Approach as a result of monitoring and evaluation: Packing designs of Rhigozum plants on bare dunes. The less expensive, most efficient design was chosen.

Investigación

La investigación trató los siguientes temas

- ☐ sociología
- ☐ economía/ marketing
- ☒ ecología
- ☐ tecnología

Rehabilitation techniques must fall within the capabilities and finance of the community.

Research was carried out on-farm

FINANCIAMIENTO Y APOYO MATERIAL EXTERNO

Presupuesto anual en dólares americanos para el componente MST

- ☐ < 2,000
- ☐ 2,000-10,000
- ☐ 10,000-100,000
- ☐ 100,000-1,000,000
- ☐ > 1,000,000

Precise annual budget: n.d.

Approach costs were met by the following donors: government (national): 80.0%; local community / land user(s) (-): 20.0%

Los siguientes servicios o incentivos fueron proporcionados a los usuarios de las tierras

- ☒ Apoyo financiero/material proporcionado a los usuarios de tierras
- ☒ Subsidios para insumos específicos
- ☐ Crédito
- ☐ Otros incentivos o instrumentos

Apoyo financiero/material proporcionado a los usuarios de tierras

	parcialmente financiado	totalmente financiado
equipo: maquinaria	☐	☒
equipo: maquinaria: herramientas	☐	☒
agrícola: semillas	☐	☒
agrícola: semillas: fertilizantes	☐	☒
Food and transport	☐	☒

El trabajo de los usuarios de las tierras fue

- ☐ voluntario?

- ☐ comida por trabajo?
- ☒ pagado en efectivo?
- ☐ recompensado con otro tipo de apoyo material?

ANÁLISIS DE IMPACTO Y COMENTARIOS DE CONCLUSIÓN

Impactos del Enfoque

	No	Sí, un poco	Sí, moderadamente	Sí, mucho
¿El Enfoque ayudó a los usuarios de tierras a implementar y mantener Tecnologías MST? Stabilisation of dunes, greater vegetation on dunes.	☐	☐	☐	☒
¿El Enfoque mejoró cuestiones de tenencia de tierra/ derechos de usuarios que obstaculizaron la implementación de la Tecnologías MST? Farmers realised the simplicity of rehabilitation. The problem is likely to be overcome in the near future. Attitudes would change if government allowed ownership of land.	☐	☐	☐	☒
Did other land users / projects adopt the Approach? South Africa railways - lines which cut through dune systems	☐	☐	☒	☐

Motivación principal del usuario de la tierra para implementar MST

☒ n.d.

Sostenibilidad de las actividades del Enfoque

¿Pueden los usuarios de tierras sostener lo que se implementó mediante el Enfoque (sin apoyo externo)?

☐ no
☒ sí
☐ incierto

CONCLUSIONES Y LECCIONES APRENDIDAS

Fortalezas: perspectiva del usuario de tierras

- Own input into R & D

Fortalezas: punto de vista del compilador o de otra persona recurso clave

- Community participation (How to sustain/ enhance this strength: Greater responsibility to community)
- Healthy integration of Scientists & Community action (How to sustain/ enhance this strength: Good communication (Scientists & Community))

Debilidades/ desventajas/ riesgos: perspectiva del usuario de tierras cómo sobreponerse

- I do not know

Debilidades/ desventajas/ riesgos: punto de vista del compilador o de otra persona recurso clave cómo sobreponerse

- Slow recovery of natural resources I don't think there is a way to increase reaction time in this area

REFERENCIAS

Compilador

Andre F. Van Rooyen

Editors

Revisado por

Fabian Ottiger

Fecha de la implementación: 13 de enero de 2009

Últimas actualización: 18 de junio de 2017

Personas de referencia

Andre F. Van Rooyen (andrevr@kimnet.co.za) - Especialista MST
Desmond Smith - Especialista MST

Descripción completa en la base de datos de WOCAT

https://qcat.wocat.net/es/wocat/approaches/view/approaches_2335/

Datos MST vinculados

n.d.

La documentación fue facilitada por

Institución

- Dept. of Agriculture, Northern Cape (Dept. of Agriculture, Northern Cape) - Sudáfrica

Proyecto

- n.d.

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