

# CEPF SMALL GRANT FINAL PROJECT COMPLETION REPORT

## I. BASIC DATA

**Organization Legal Name:**

Geo Terra Image (Pty) Ltd (Pretoria South Africa)

**Project Title (as stated in the grant agreement):**

A Transformation Map for the Little Karoo (South Africa)

**Implementation Partners for This Project:**

Regalis Environmental Services cc (Oudtshoorn, South Africa)  
Dept. Botany and Terrestrial Ecology, Nelson Mandela University, Port Elizabeth (South Africa)

**Project Dates (as stated in the grant agreement):** 1 July, 2004- 28 February, 2005

**Date of Report (month/year):** August 2005

## II. OPENING REMARKS

*Provide any opening remarks that may assist in the review of this report.*

## III. NARRATIVE QUESTIONS

1. What was the initial objective of this project?

To generate a land transformation map of the Little Karoo, in support of the strategic priorities as laid out in the SKEP Ecosystem Profile document

2. Did the objectives of your project change during implementation? If so, please explain why and how.

No, the overall objective was met.

3. How was your project successful in achieving the expected objectives?

Yes, a representative transformation map of the Little Karoo has been generated, using the proposed methods of satellite image based mapping, based on the recently completed of the "Vegetation map of the Little Karoo", (Vlok 2005), which was used as a spatial modelling framework.

4. Did your team experience any disappointments or failures during implementation? If so, please explain and comment on how the team addressed these disappointments and/or failures.

The only possible negative component of the project is the limitation imposed by the final use of a qualitative, albeit extensive and detailed final map accuracy assessment

procedure, rather than quantitative methodology. This issue has been addressed in the report however, both in terms of future recommendations as well as end-user information usage.

5. Describe any positive or negative lessons learned from this project that would be useful to share with other organizations interested in implementing a similar project.

Whilst the *initial* conceptual model for the succulent karoo did not work for the MODIS specific satellite data analysis due to described spatial resolution constraints, it should still be considered a very useful data independent *generic model* for possible application elsewhere in other arid-type environments, e.g. Namaqualand, since the seasonality is more pronounced and the “weedy annual” component is better developed (thus, seasonal and vegetation contrasts are stronger).

6. Describe any follow-up activities related to this project.

Recommendations have been made that a quantitative analyses of transformation mapping accuracy is undertaken in the near future which would provide a much better assessment of reliability/uncertainty etc.

Related papers have been submitted for consideration at both the AfricaGIS (Pretoria, November 2005) and Arid Zone Ecology Forum (Barrydale, September, 2005) conferences.

7. Please provide any additional information to assist CEPF in understanding any other aspects of your completed project.

**IV. ADDITIONAL FUNDING**

***Provide details of any additional donors who supported this project and any funding secured for the project as a result of the CEPF grant or success of the project.***

<b>Donor</b>	<b>Type of Funding*</b>	<b>Amount</b>	<b>Notes</b>

***\*Additional funding should be reported using the following categories:***

- A** *Project co-financing (Other donors contribute to the direct costs of this CEPF project)*
- B** *Complementary funding (Other donors contribute to partner organizations that are working on a project linked with this CEPF project)*
- C** *Grantee and Partner leveraging (Other donors contribute to your organization or a partner organization as a direct result of successes with this CEPF project.)*

**D** *Regional/Portfolio leveraging (Other donors make large investments in a region because of CEPF investment or successes related to this project.)*

*Provide details of whether this project will continue in the future and if so, how any additional funding already secured or fundraising plans will help ensure its sustainability.*

## V. ADDITIONAL COMMENTS AND RECOMMENDATIONS

## VI. INFORMATION SHARING

CEPF aims to increase sharing of experiences, lessons learned and results among our grant recipients and the wider conservation and donor communities. One way we do this is by making the text of final project completion reports available on our Web site, [www.cepf.net](http://www.cepf.net), and by marketing these reports in our newsletter and other communications. Please indicate whether you would agree to publicly sharing your final project report with others in this way.

Yes  \_\_\_\_\_

No  \_\_\_\_\_

If yes, please also complete the following:

**For more information about this project, please contact:**

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