

**RHODES UNIVERSITY
DEPARTMENT OF ENVIRONMENTAL SCIENCE**

EXAMINATION: NOVEMBER 2012

**ENVIRONMENTAL SCIENCE HONOURS:
URBAN FORESTRY AND URBAN GREENING**

Internal examiner: Prof. Charlie Shackleton
External examiner: Dr Patrick O'Farrell

MARKS: 100
DURATION: 24 HOURS

Instructions:

1. Please read the question below and prepare a proposal accordingly.
 2. You may use any written or web resources that you wish to assist in this process, but you may *not confer with anyone else*.
 3. Please sign the attached agreement form that you will not confer with anyone else. If there is substantiated evidence to the contrary a mark of zero will be assigned for this exam.
 4. Printed copies of your proposal must be handed into Charlie Shackleton (or anyone else designated by him) by 09h00 on the morning after receiving this paper. Late papers will not be accepted.
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PLEASE TURN EXAMINATION PAPER OVER

The South African Government, through the Dept of Environmental Affairs, is interested in implementing a number of integrated urban forestry projects in partnership with local municipalities. Before they do so, they wish to start with a two year pilot research phase to ascertain the main benefits and hurdles (real and potential) associated with urban forestry in South Africa. The results from this two year pilot research will be used to inform the rollout of the larger nationwide programme. You are required to respond to this call for the pilot research phase by developing a research proposal (*maximum* of 20 pages including references; 11 font, 1.5. line spacing) that motivates for and provides the background and approach to your proposed research study at one or more pilot sites. The maximum value assigned per successful project will be R5 million over the two years, but you are at liberty to apply for any amount less than the maximum.

The *minimum* components (you may add more if you wish) of your research proposal are:

- A project title
- Introduction & motivation why the project is necessary
- Objective and key questions
- Description of the proposed site/s and why it/they were selected
- Approach and methods
- Communication of results (to who, how and when)
- Project team (use fictitious names, but identify the nature of skills and qualifications you need)
- Project schedule
- Project budget (approximate to the nearest R10,000)
- References

Please note that the Government will select successful bidders on the basis of:

- A demonstrated understanding of the topic and its importance in South Africa and the specific site/s (25)
- Coherence and clarity of the proposed project (30)
- Innovations (15)
- Partnerships (5)
- Value for money (15)
- Viable project schedule (5)
- Clarity and presentation of the actual document (5)

You have 24 hours to complete this task. You may use any written or web resources that you wish to assist in this process, *but you may not confer with anyone else.*

Please type up your proposal and print it out, along with a declaration that it does not contain any plagiarism.

END OF EXAMINATION PAPER