



SOUTH AFRICAN NATIONAL COMMITTEE ON LARGE DAMS
SUID-AFRIKAANSE NASIONALE KOMITEE OOR GROOT DAMME

PO Box/Posbus 3404
Pretoria 0001
Republic of South Africa
Republiek van Suid-Afrika
Fax: (012) 336-7399
Telephone/Telefoon: (012) 336-8477

**INVITATION:
APPLICATIONS FOR SANCOLD SCHOLARSHIP FOR MASTER'S STUDIES
IN *DAM ENGINEERING*: 2008-2009**

1. INTRODUCTION

In order to promote the resource base in *Dam Engineering*, SANCOLD will award a single scholarship at a time. It will be awarded to an outstanding applicant towards obtaining a *Master's Degree in South Africa*.

1.1 Mobility of scholarship-holder

SANCOLD scholarships will assist Master's students to undertake studies and research in the general field of *Dam Engineering* and to take advantage of the best possible training opportunities in South Africa. These scholarships will allow the holders mobility, as well as the freedom to select supervisors in their chosen fields. The purpose of these scholarships is to support persons who are committed to contributing significantly to research, teaching and professional practice in the field of Dam Engineering in their future careers. Students will access these scholarships in their own right and will not need to be linked to a specific higher education institution when applying, but letters of reference will be required to support the application.

Scholarship-holders will be identified well in advance of commencement of their envisaged studies to give them the opportunity to consult with and identify their supervisors prior to the start of the academic year.

2. ELIGIBILITY

These scholarships are available to suitably qualified South African citizens for full-time Master's studies at a South African university.

2.1 Eligibility to apply for SANCOLD scholarship

Applications for a scholarship for Master's studies may be submitted by the following persons:

- students or graduates who have either successfully completed or are enrolled for the Fourth Year of their Undergraduate studies in the case of degree courses which directly allow access to a Master's degree, e.g. Engineering, etc.;

- students who have either successfully completed or are enrolled for their BSc Honours or Final Year BTech degree but who have not yet enrolled for Master's studies;
- students or graduates who have, in their most recent examination, obtained an aggregate of at least 60% for the subject(s) with which they wish to continue at Master's level;

2.2 Please note the following:

Students who wish to receive scholarships for Master's studies have to apply prior to commencement of their Master's studies

3. FIELDS OF STUDY SUPPORTED

The SANCOLD scholarship is awarded for postgraduate studies leading to a research-based Master's degree in any field that would be appropriate to Dam Engineering, e.g, Structural, Hydraulic, Geotechnical, Project Economics, Flood Hydrology; Environmental, Dam Safety; etc.

4. VALUE OF SCHOLARSHIP

4.1 What does the scholarship cover?

Awards are made to contribute towards the cost of tuition, accommodation, books and academic supplies.

4.2 Size of Scholarship for 2008-2009

The following value per annum applies for this period: **R 40 000**

SANCOLD encourages institutions to supplement the scholarship-holders' income by assigning appropriate research and teaching tasks to them that will contribute to the progress of obtaining their respective degrees. Awardees will be allowed to undertake a maximum of nine hours of teaching, tutorials, assistance or demonstration duties per week on average during the year of study. Scholarship-holders may not be employed on a part-time basis if their working hours exceed nine hours, during office hours, per week on average during the year of study. Scholarship-holders may not hold full-time salaried employment during the tenure of the scholarship.

SANCOLD scholarships may be held concurrently with other bursaries or scholarships.

5. PERIODS OF SUPPORT

Support in terms of Master's degree scholarships will be considered for the following maximum period: **2 years**.

6. APPLICATION PROCEDURE

Applicants are invited to apply for the SANCOLD Scholarship, by completing the attached application form. Applicants should retain copies of materials submitted for their records.

Applicants are requested to read the accompanying instruction sheet before completing the Application Form and to follow the instructions carefully. Incomplete or late applications will not be considered.

The **Closing Date** for receipt of applications by SANCOLD is 14 February 2008.

As indicated in the instruction sheet, applicants are required to approach two reviewers for reports on their academic performance. Engineers or faculty members who have current knowledge of the applicant's academic and/or professional experience and ability should be selected as reviewers, since they will be able to give meaningful answers to the questions asked. At least one of the two should be a person with whom the applicant has worked in his/her present (or most recent) academic department, including the latest supervisor, if applicable. Applicants are urged to provide the reviewers of their choice with the Assessment Form immediately and to request the reviewers to forward these forms directly, to reach SANCOLD as soon as possible but not later than 14 February 2008. The onus will be on the applicants to ensure that these reports reach the SANCOLD office in time.

7. TERMS AND CONDITIONS

Applicants will be requested to indicate the institution where they will in all likelihood register for their intended studies. Once the award is made known, the successful candidate will be required to sign an agreement with SANCOLD and to provide proof of registration for the degree/diploma concerned before the scholarship will be paid to the institution on behalf of the scholarship-holder.

After an award is made, support for the second year is subject to the supervisor's confirmation that the scholarship-holder is making good progress in the approved field of study.

Students who do not obtain the degree for which the scholarship was awarded, relinquish their studies or leave the university/Technical University during the period for which the scholarship was awarded, will have to refund all payment of the scholarship already received, plus interest.

Students are required to send SANCOLD brief details of the posts they take up after completing their degree.

8. SELECTION CRITERIA AND EVALUATION

The award of these scholarships to students will be based on exceptional potential and academic performance. Selection criteria will include academic merit, promise of research ability, leadership qualities, and need. The likelihood that the candidate will successfully complete a Master's degree will also be a significant criterion.

The assessment of candidates will be based on all available evidence of ability and potential, including academic records and recommendations regarding each applicant's qualifications and may involve interviewing potential candidates. Selection of the awardee will be done on merit as determined by the SANCOLD selection committee whose decision shall be final.

9. QUERIES

9.1 Contact Persons

Please contact the either of the following:

(a) Secretary, SANCOLD, Dr C Oosthuizen
telephone number – (012) 336-8516
e-mail – cga@dwaf.gov.za

(b) Assistant Secretary, SANCOLD, Mr Ivor Segers
telephone number - (012) 336-8591
e-mail - cgt@dwaf.gov.za

9.2 Requests for Scholarship Forms in MS Word via e-mail

Please send an e-mail to Prof GR Basson at grbasson@sun.ac.za with your request.



SOUTH AFRICAN NATIONAL COMMITTEE ON LARGE DAMS
SUID-AFRIKAANSE NASIONALE KOMITEE OOR GROOT DAMME

PO Box/Posbus 3404
Pretoria 0001
Republic of South Africa
Republiek van Suid-Afrika
Fax: (012) 336-7399
Telephone/Telefoon: (012) 336-8477

**APPLICATION FOR SANCOLD SCHOLARSHIP FOR MASTER'S STUDIES
IN DAM ENGINEERING: 2008-2009**

INSTRUCTIONS FOR COMPLETING THE “APPLICATION FORM”

GENERAL

Before completing the “Application Form”, please read the “Invitation for Applications” (dated January 2008) enclosed for background information concerning SANCOLD scholarships which will be awarded to outstanding applicants towards doing research for a Master's degree in South Africa in the general field of Dam Engineering.

SANCOLD Scholarships may be held concurrently with other scholarships, fellowships or bursaries. Candidates who are salaried employees during the tenure of the Scholarship applied for, are not eligible for SANCOLD support.

Incomplete, late applications or applications other than on the attached form will not be considered. On completion of the form, please consult the checklist at the end of these instructions to ensure that all the required information has been submitted.

COMPLETION OF APPLICATION FORM

Some of the SANCOLD reviewers will only be able to evaluate your application if it is submitted in English. For this reason it would be in your best interest to submit your application in English. Applications must be completed in typescript (MS Word). All the Sections of the application form have to be completed fully.

Applicants are requested to -

- forward the completed application form to your Head of Department or your current employer for completion of Section J and their signature;
- forward the completed Application Form to SANCOLD by secure post before the Closing Date;
- check with the reviewers they selected that the Assessment Forms have been sent to SANCOLD before the Closing Date.

NB: The onus will be on the applicants to ensure that the application forms reach SANCOLD on time.

Section A

Self-Explanatory

Section B

Complete details are required. The identity number supplied must be verified by attaching a copy of the relevant page of the identity document (ID). If the ID document is not yet available, proof of citizenship should be attached.

Section C

To be completed as thoughtfully and concisely as possible. Should applicants have held bursaries for their previous studies which bind them to enter into the service of the contract holder on completion of the studies, SANCOLD will require a statement from the contract holder in which it is stated that -

- deferment of assumption of duty has been granted so that the candidate can pursue further research/studies;
- the contract holder has no objection to the applicant receiving the requested SANCOLD scholarship.

Section D

A full certified academic record must be attached up to and including the mid-year marks of the current year of studies, if available. In cases where applicants hold degrees from institutions abroad, their study records must be formally equated to South African norms by the applicant. The equated record should indicate what the South African equivalent of the qualification is, as well as the level at which it was obtained (i.e. percentages obtained).

Section E

Please list all awards and the amounts received, if applicable.

Sections F and G

The instructions on the application form are self-explanatory.

Section H

Please ensure that all the particulars requested are supplied as accurately as possible.

Section I

Sign the application form and have your signature witnessed.

Section J

For completion by the Head of Department or the Applicant's current employer.

CLOSING DATES

14 February 2008 (for Application Form **Form 1**)

14 February 2008 (for Assessment Form (**Form 2**) completed by the two reviewers approached by the scholarship applicant)

Applications and assessment forms which are received by SANCOLD after the closing dates specified above will not be considered.

It is advisable to request the completion of the Assessment forms by reviewers as soon as possible to ensure their submission to SANCOLD by the closing date. Late submissions will not be accepted.

CHECK LIST

Please use this checklist to ensure that the following necessary steps have been taken:

Have you -

- taken note of the Closing Date of 14 February 2008
- completed all the questions in Sections A, B, C, D, E, F, G and H?
- attached a copy of your identify document (Section B)?
- attached a letter of **deferral** of duty if you have held or are holding a binding bursary (Section C)?
- attached a certified copy of your full academic record (Section D)?
- given Assessment forms to two reviewers of your choice with the request to complete and return them to the SANCOLD by 14 February 2008 (Section H)?
- completed and signed Section I and obtained a witness to sign as well?
- ensured that your application form has been signed by your Head of Department or your current employer?



SANCOLD

SANCOLD

**APPLICATION FORM FOR SCHOLARSHIP FOR MASTER'S STUDIES
IN DAM ENGINEERING: 2008-2009**

Please complete and return to: **Secretary**

**SANCOLD
P O Box 3404
0001 Pretoria**

First read accompanying "Instructions for Completing the Application Form", dated May 2006. Complete in typescript (MS Word) only and give concise answers. Where applicable, mark with X. Do not exceed the space provided. Incomplete applications will not be accepted.

| A PREVIOUS APPLICATIONS FOR SANCOLD SCHOLARSHIP | | | | | | | | | | | | |
|--|--|--|------------------------|--|--|--|---|-------|--------|--|----|--|
| Have you applied for a SANCOLD scholarship before? | | | | | | Yes | | Date: | | | No | |
| B PARTICULARS OF APPLICANT | | | | | | | | | | | | |
| Surname | | | Maiden name | | | | | | | | | |
| First names | | | Title | | | Male | | | Female | | | |
| Place of birth | | | Date of birth (YYMMDD) | | | 1 | 9 | | | | | |
| Identity number (attach copy of ID to verify) | | | | | | | | | | | | |
| Citizenship | | | Marital status | | | Home language | | | | | | |
| Home address including postal code | | | | | | Address including postal code to which result of application is to be sent | | | | | | |
| Telephone number during the day (code and number) | | | Fax | | | | | | | | | |
| E-mail address | | | | | | | | | | | | |
| Name of present University/ Technical University (if applicable) | | | | | | | | | | | | |
| Department | | | Faculty | | | | | | | | | |
| Degree for which currently registered | | | | | | Year of study for this degree (e.g. 4th) | | | | | | |
| Contact details of current employer (if applicable) | | | | | | | | | | | | |
| Position occupied by applicant | | | | | | | | | | | | |

| C PARTICULARS OF DEGREE FOR WHICH YOU WISH TO RECEIVE A SANCOLD SCHOLARSHIP | | | |
|---|----------------------------------|---|--|
| Degree (e.g. MSc Eng.) | | | |
| University/Technical University chosen or envisaged | | | |
| Faculty | | | |
| Department | | | |
| Envisaged or actual date of registration for degree (month/year) | | Envisaged date of completion of degree (month/year) | |
| Supervisor or envisaged supervisor of your studies | Name | | |
| | Position | | |
| | Department | | |
| | University/ Technical University | | |
| Does any financial support receive for your previous studies bind you to a service contract (Yes/No)? If yes attach copy of proof of deferment of commencement of duty. | | | |
| If this application is for support for Master's study containing coursework, please indicate the percentage of time to be spent on research and the envisaged subjects/courses. | | | |
| | | | |
| Proposed Plan of Research: Describe the Proposed Plan of research for the period covered by this scholarship according to the following headings: <i>Objectives; Motivation; Methodology; Work Schedule; Deliverables</i> . The statements made below should reflect your ability to think independently and creatively and to write concisely. | | | |
| | | | |

| D DEGREES/DIPLOMAS COMPLETED TO DATE OR CURRENTLY ENROLLED IN OR CURRENT EMPLOYMENT (A full certified academic record must be attached up to and including the mid-year marks of the current year of studies) | | | | | |
|---|------------------------------------|--|-------------------------|-------------|--|
| Degree/ Diploma (including present degree/diploma) | First registration (month/year) | Degree/Diploma obtained (month/year) | Full-time/ Part-time | Institution | Degree with distinction (yes/no) |
| | | | | | |
| If you are not currently at an educational institution, please summarise in the space below what professional activity your current employment comprises. | | | | | |
| | | | | | |
| E PRESTIGE AWARDS RECEIVED (including all fellowships, scholarships and prizes received since entering university/Technical University) | | | | | |
| Name/type of award | | Name of sponsor | | Amount | |
| | | | | | |
| F EXPERIENCE TO DATE | | | | | |
| Name of employer/institution | | Capacity and/or type of work | | Period | |
| | | | | | |

G LIST OF PUBLICATIONS, CONFERENCE PAPERS AND REFEREED PAPERS**H DETAILS OF REVIEWERS**

(please give the names and full addresses of the two reviewers whom you have requested to complete the Assessment Form)

| Surname | Initials | Title | Address (including telephone and fax number as well as e-mail address, if available) |
|---------|----------|-------|--|
| 1. | | | |
| 2. | | | |

| | | | |
|--|--|-------------|--|
| I DECLARATION BY APPLICANT | | | |
| I certify that the information supplied in this application is correct and that, if I am awarded a scholarship, I will abide by the regulation applicable to SANCOLD scholarships. | | | |
| Signature of applicant | | Date: | |
| Signature of witness | | Date: | |
| J TO BE COMPLETED BY THE APPLICANT'S HEAD OF DEPARTMENT OR CURRENT EMPLOYER | | | |
| Please provide a statement on the applicant's suitability for the proposed research. | | | |
| | | | |
| Signature | | Date: | |
| Name | | Designation | |