

Under the auspices of the Department of Science and Technology and National Research Foundation

Announcement of registration Themes

The DST and NRF, together with the DEA and the South African Global Change Science Committee are pleased to announce that registration is now open for prospective delegates to the **2014 2nd National Global Change Conference**.

This has been made possible by sterling support from DST and NRF personnel, an effective team at NMMU, and the members of the Global Change Science Committee, working with the conference organizers.

Please read this announcement carefully, as it outlines as completely as possible the process by which delegates need to register in various categories, and provides instructions for full time South African students in the area of global change research, and part time South African students with particular financial needs, to apply for eligibility for full support of travel and accommodation costs (henceforth termed "additional support for student attendance").

Please note that those who wish to present a paper or poster at the conference should have their abstracts ready for typing in or uploading when registering. Students applying for additional support for student attendance are requested to submit an extended abstract (instructions are given in this announcement).

Prof Guy Midgley

Chairperson

South African Global Change Science Committee

As mentioned in the 2nd announcement, the conference will be organised according to a broad set of themes which have emerged from our consultation with the community via the original expression of interest. These themes should provide a guideline for where to position your submission. (We will take cognizance of abstracts submitted under theme 10 "Other global change theme not specified above" when finalizing the theme structure for the conference sessions).

Based on submissions received, final session themes will be determined and communicated promptly via the website, which is an advantage of the electronic conference documentation approach.

These are the broad themes envisaged so far:

1. Fundamental science of global change and geobiodynamics (including observation and modelling of climatic, physical and biogeochemical systems and their interactions)
2. Paleo- biological, paleo-anthropological and paleo-ecological aspects of global change
3. Global change and the sectoral implications (including human settlements, human health and well being, marine and coastal systems and resources, biodiversity and ecosystem services and their conservation, agriculture and food security, hydrology and water resources)
4. Global change technologies, methodologies and tools (including adaptation, mitigation, and bio/geo-engineering)
5. Global change economics
6. Global change, environmental education and social learning
7. Sustainability and development (poverty alleviation, urban development, water, agriculture, food security, energy, and their integration)
8. Earth stewardship science and ethics
9. Trans-disciplinary/Inter-disciplinary research approaches
10. Other global change theme not specified above.

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Conference Website

All information will be available and updated regularly on the conference website.

Please visit:

<http://globalchange2014.nmmu.ac.za>

Programme Outline

The detailed conference programme will be announced finally in November 2014, but we will be updating the website regularly, and making regular email contact with those who have registered.

Sunday 30 November

Student Coaches – travel / arrival for students eligible for full funding

16h00: Registration (venue to be confirmed)

19h00: Welcome / Social evening: NMMU South Campus

Monday 1 December

07h30 – 17h30: Field Trips

Side Events

18h00: Registration (venue to be confirmed)

19h00: Braai: NMMU South Campus

Tuesday 2 December

08h00 – 09h00: Registration

09h00 – 17h00: Conference – Opening Ceremony including a Plenary Session followed by parallel sessions for oral presentations, and electronic poster displays during tea and lunch breaks (NMMU South Campus)

19h00: Evening Interactive Event (sponsored canapés and limited drinks. Cash Bar available): NMMU South Campus

Wednesday 3 December

08h00 – 09h00: ePoster viewing / Registration

09h00 – 17h00: Conference – Plenary Session followed by parallel sessions for oral presentations, and electronic poster displays during tea and lunch breaks (NMMU South Campus).

19h00: Global Change Dinner (sponsored): NMMU Indoor Sports Centre.

Thursday 4 December

08h00 – 09h00: ePoster viewing / Registration

09h00 – 17h00: Conference – including early morning Plenary Session, followed by parallel sessions for oral presentations, and electronic poster displays during tea and lunch breaks, and a final closing session.

Friday 5 December

Student coaches – travel / departure for students eligible for full funding.

Side Events (information will be posted on the website).

Keynote Speakers

We will engage keynote speakers as efficiently as possible, using technology to avoid expensive and carbon-heavy travel arrangements, and inviting internationally and nationally recognised local speakers. We are delighted to announce that the world-leading expert on environmental economics, Robert Costanza (Crawford School of Public Policy, ANU, Canberra, Australia) has already agreed to provide a keynote address thus

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far. We will announce further developments on keynote speakers in due course.

Field Trips

The following tentative field trip options have been identified – these will be confirmed in due course, based on the interest that delegates expressed in their registrations.

- Paleo-Landscapes of the Eastern Cape
- Observing and understanding Algoa Bay and its marine system dynamics
- Urban Sustainability and Township life
- Ecological Gradients and Biodiversity (Baviaanskloof and Gamtoos)
- Eastern Cape Conservation and Tourism (Addo Elephant National Park)
- Global Change in action: Industrial & Socio economic Development in Coega and the Port of Ngqura
- Energy Security: traditional, nuclear and sustainable energy production in concert.

Side Events/Meeting and Short Courses

A range of meetings/short courses will be held on the Monday 1st December or Friday 5th of December. Should you be interested in hosting an event on either of these days, please contact Melanie directly on mel@icesolution.co.za **before 17 October 2014**. The organizers will confirm arrangements with those who have already expressed interest before 17 October 2014.

Please note that, subject to availability, support for side events includes a lecture-style venue and standard audio-visual equipment free of charge. Catering supply

will be facilitated, but catering costs for side events are not supported by the conference budget.

A list of side events, and a process for registering to attend open side events will be communicated on our website in due course.

Congress Venue

NMMU, Port Elizabeth

All congress venues will be on NMMU South Campus

Nelson Mandela Bay Port Elizabeth

[http://www.nmmu.ac.za/www/media/Store/documents/On%20campus/Campus%20information%20and%20maps/South-Campus-\(PDF\).pdf](http://www.nmmu.ac.za/www/media/Store/documents/On%20campus/Campus%20information%20and%20maps/South-Campus-(PDF).pdf)

Registration

Registration is open, please visit: <http://www.etches.com/globalchange2014>

Registration will be done online with the option of paying via EFT.

Registration fees:

Ordinary Delegates, including part-time students: R1000.00

Full Time Students and Part Time Students* with particular financial needs: R200.00

*Please note that that as a special dispensation, Part Time Students with particular financial needs, can qualify for additional support for student attendance (ie travel and accommodation) but you will need to email kerrie@icesolution.co.za a letter of motivation signed by your supervisor. Once approved by the Committee, you will be provided a link to register.

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Social Functions with nominal charges

Sunday 30 November, Welcome / social evening

Monday 1 December, Braai

Nominal charges for these two non sponsored events are R50.00 for Full Time Students and Part Time Students with particular financial needs, and R100 for other delegates, to be included in your registration fee should you wish to attend.

Abstract Submission

Abstract submission is now open. Please submit your abstracts online at:
<http://www.etches.com/gcabstract2014>

The closing date for submissions is **Friday 24 October 2014**

Abstracts received after this date will unfortunately not be considered.

Please note that Full Time Students and Part Time Students with particular financial needs who wish to receive additional support for student attendance are requested to provide an extended abstract in order to qualify.

Guidelines for Abstracts

Standard abstracts must be typed in the space provided on the website and must be limited to 300 words, or uploaded as a word file.

Extended abstracts must be typed in the space provided on the website and must be between 1000 and 2000 words , or uploaded as a word file.

Extended abstracts are required from Full Time South African Citizen or Permanent Resident Students OR Part-Time South African Citizen or Permanent Resident Students with a particular financial need

requesting additional support for student attendance

12 point Roman text is to be used throughout.

All abstracts must be submitted in English.

Please underline the presenting author.

Abstracts will be published as received. Typing or other errors made by the authors will not be corrected.

No illustrations may be included in the abstract.

Abbreviations should be used only in common terms. For uncommon terms, the abbreviation should be given in brackets after the first full use of the word.

Presenters will be notified of acceptance/rejection of the abstract via e-mail.

Standard Abstracts should be submitted as follows:

Purpose of study

Description of methods

Summary of results

Conclusion

Extended Abstracts should be submitted as follows:

12 point Roman text is to be used throughout, headers and title in capitals as indicated below

TITLE

AUTHOR/S

Institutional affiliations and addresses

SUMMARY

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100-120 words summarizing the essence of the work and main conclusions specifying where possible any policy implications or technology development opportunities.

INTRODUCTION

100 to 200 words providing the context and rationale for the work.

METHODS

100 to 200 words describing the main methods used, with a very short description of statistical approach where relevant.

RESULTS

100 to 300 words outlining the main results in bullet form.

DISCUSSION AND CONCLUSION

100 to 300 words discussing the results and laying the basis for the conclusions, and fewer than 50 words describing the chief conclusions in a final paragraph. Please use the minimum number of tables and figures, preferably two or fewer of each. The Tables and Figures you submit will not be edited, and will be sized to fit an A5 page, so do make sure they are clear and legible, with a fully descriptive caption.

ACKNOWLEDGEMENTS

Brief acknowledgements where absolutely necessary (e.g. major funding or assistance, especially relevant NRF Global Change related funding)

REFERENCES

Keep references to the absolute essentials, preferably not more than 10 to 20 in number. Use the guidelines listed below in text and reference list:

1. In-Text Citations (in the body of your abstract)

One author

Brown (2002) found.....

Or: In a recent study (Brown, 2000).....

Two authors

Brown and Green (2000) found..... (cite both authors each time you cite work)

Or: In a recent study (Brown & Green, 2000)

Three or more authors

Brown et al. (2002) found...

Or: In a recent study (Brown et al., 2000) found.....

If the work has no authors

The title of the work is used instead (Harper's illustrated Biochemistry, 2003)

Corporate authors

If there are no author names present, but a group name is, cite the group name followed by the year of publication.

Example: (Department of Conservation, 2008).

If the group name is lengthy, you may shorten the name when using it in an in-text citation.

Two articles by the same author with the same publication date

Use letters (a, b, c... etc.) to differentiate between articles with the same author names and publication dates, for example: (Paul, 1990a) and (Paul, 1990b)

Include the letters with the publication dates in the full citation in your reference list at the end of your abstract, for example:

Paul, G. S. (1990a) An improbable view of Tertiary dinosaurs. *Evolutionary Theory*, 9(2), 309-316.

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Paul, G. S. (1990b) The many myths, some old, some new, of Dinosaurology. *Modern Geology*, 16, 69-99.

Citing Personal Communication

Personal communication can be personal interviews, letters, memos, e-mails, non-archived messages from discussion groups or bulletin boards, telephone dialogues etc. try to provide as exact a date as possible and include initials with surname.

J. L. Smith (personal communication, April 1, 2002) estimates that most University of Auckland biology students will....

or (J. L. Smith, personal communication, July 3, 2002) estimates that most University of Auckland biology students will...

2. Reference List (at the end of your abstract)

Journal article, by one author

Lucero, P. (1997). Catabolite inactivation of the yeast maltose transporter requires ubiquitin-ligase *npi1/rsp5* and ubiquitin-hydrolase *npi2/doa4*. *FEMS Microbiology Letters*, 147(2), 273-277.

Journal article, by two authors

Hwang, L. H., & Murray, A. W. (1997). A novel yeast screen for mitotic arrest mutants identifies *DOC1*, a new gene involved in cyclin proteolysis. *Molecular Biology of the Cell*, 8(10), 1877-1887.

Journal article, by more authors. (include up to the first six authors, then three full stops followed by the last author)

Melnichenko, E. M., Erwin, B. D., White, A. I., Williams, D. I., Thomasia, E. F., Lamis, E. F., . . . Ward, R. U. (2010). Biogeographic distribution of coastal Antarctic krill. *Antarctic Biology*, 5(10), 102-106.

Book, by two authors

Campbell, N. A., & Reece, J. B. (2002). *Biology* (6th ed.). San Francisco, Benjamin Cummings.

Edited book

De Bonis, L., Koufos, G. D., Andrews, P. (Eds.). (2001). *Phylogeny for the Neogene hominoid primates of Eurasia*. Cambridge, New York: Cambridge University Press.

Article/chapter in an edited book

Lockyer, M. J., & Nicholls, S. C. (1988). Variation in *Plasmodium falciparum* gene structure. In M.J. Turner & D. Arnot (Eds.), *Molecular genetics of parasitic protozoa* (pp. 12-17). Cold Spring Harbor, N.Y: Cold Spring Harbor Laboratory.

Book with no author or editor

Harper's illustrated Biochemistry (26th ed.). (2003). New York : Lange Medical Books/McGraw-Hill.

N.B. Cite electronic journals and electronic books the same way as for printed journals and books, using the examples above.

E-Posters: Posters will be displayed electronically

Specifications of this will be communicated to you when your abstract has been accepted.

Please Note: posters will be electronic and not printed and your posters will be displayed on screens in the area where teas and lunches will be served.

Transport

Coach transport will be provided at no cost to registered full time students and Part Time Students with particular financial needs who will present approved extended papers or posters.

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Arrival on 30 November

Departure on 5 December

Cape Town – Port Elizabeth, return

Durban – Port Elizabeth, return

Johannesburg – Port Elizabeth, return

Travel schedules and departure points will be communicated in the final announcement and be made available on the website.

Note that Full Time Students and Part Time Students with particular financial needs who apply for additional support for student attendance and who are travelling from **remote locations** will have the opportunity to request special travel arrangements in the registration process.

Accommodation

Student Sponsored Accommodation

NMMU Sanlam Student Village

Full Time Students and Part Time Students with particular financial needs who **will present approved extended abstracts** will be provided with Residence 4/3/2 roomed units at no cost. All others, including Full Time Students who do not receive additional support for student attendance will need to pay for this accommodation.

The accommodation will include breakfast daily and dinner on Thursday evening.

Please give some thought as to who you will be **sharing** with as this will be required when you complete your online registration.

Residence accommodation is available to other delegates at a cost (provided on the conference website)

Delegate Accommodation

All delegates, including students who have not submitted abstracts need to book their own accommodation. Options, including residence accommodation are provided below.

Hotel Accommodation Port Elizabeth Beachfront

Group rates have been negotiated and are available on the conference website.

Please book using the booking reference provided and pay the hotel directly.

Protea Hotel Marine, Port Elizabeth

City Lodge, Port Elizabeth

Town Lodge, Port Elizabeth

Road Lodge, Port Elizabeth

Summerstrand Hotel

The Boardwalk Hotel

**NMMU Sanlam Student Village –
Residence Accommodation including
breakfast**

Transfers

Airport transfers between the airport and hotels or NMMU Campus will be available to all delegates on Sunday 30 November and Monday 1 December and on Thursday afternoon. These will be determined by the flight schedules of those attending, and will be communicated with registered delegates and details will be available on the website.

Delegates not making use of the on-campus accommodation are requested to make their own arrangements for daily transport to the conference venue and evening functions.

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Conference Secretariat:

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