

SAFARI 2000 WORKSHOP – JULY 26TH – 30TH 1999
BOTSWANA NATIONAL PRODUCTIVITY CENTRE

OPENING CEREMONIES

7:30 onwards: Registration in Main Foyer

- 0830 hrs Assembly of Dignitaries
- 0900 hrs Entrance of dignitaries stand for Botswana National Anthem
Master of Ceremonies – Professor Isaac Mazonde, Chairman,
Botswana Global Change Committee, Directorate of Research and
Development, University of Botswana
- 0910 hrs Welcome of Dignitaries and Delegates by Professor Sharon
Siverts, Vice Chancellor, University of Botswana
- 0915 hrs Official Opening: His Excellency Ambassador Robert Krueger ,
US Special Representative of the Secretary of State to the Southern
African Development Community
- 0930 hrs Keynote Address: The Honourable Dr Margaret Nasha, Minister of
Minerals, Energy and Water Affairs
- 0945 hrs Vote of Thanks by Dr. Brian Mokopakgosi, Deputy Vice
Chancellor, Academic Affairs, University of Botswana.
- 1000 hrs Brief outline of the SAFARI 2000 Project, Dr Bob Swap
International Co-ordinator, Global Environmental Change
Program, University of Virginia, USA.
- 1015 hrs SAFARI 2000 Botswana Perspective, Professor Sisai Mpuchane,
Dean of Science, University of Botswana.
- 1030 hrs Closing of Opening Ceremonies - Professor Susan Ringrose,
Botswana Global Change Committee and Directorate of Research
and Development, University of Botswana.

BREAK FOR TEA/COFFEE

**JULY 26TH 1999 EVENING RECEPTION – HOSTED BY UNIVERSITY OF
BOTSWANA 7:00 PM AT BOTALA RESTAURANT BNPC**

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DAY 1 Monday July 26th, 1999- Plenary Sessions

0900 hrs – 1030 hrs Opening Ceremonies

1030 hrs – 1100 hrs Tea/Coffee

Plenary Session 1: Objectives of Meeting - SAFARI2000 Science Plan: Chair: Dr Raban Chanda, (UB)

1100 hrs – 1130 hrs Objectives of meeting – Overview of Safari2000 project
Prof Harold Annegarn, University of Witwatersrand

1130 hrs – 1230 hrs Presentation of the Science Plan, Dr Bob Swap, University of
Virginia and discussion

1230 hrs – 1245 hrs Outline of Meeting Schedule, Dr Bob Swap, University of
Virginia and Prof Sue Ringrose, University of Botswana

1245 hrs – 1400 hrs L U N C H

**1400 hrs – 1500 hrs Plenary Session 2 Ongoing and Anticipated Regional Science
Projects (Angola and Botswana) Chair: Dr Luanne Otter (CSIR) – 5 mins each**

1. OKACOM (Mr Muzila/Angola)
2. Subsistence rangelands project (Drs Chanda/Moleele)
3. Remote Sensing projects – (Prof Ringrose/Dr Ferraz)
4. Kalahari Transect (Dr Dowty)
5. Maun Tower etc. (Dr Veenendaal).
6. ADAS masts (Mr Carlsson)
7. Arenosol measurements (Dr Verma).
8. Pan aerosols (Dr Eckardt)
9. Socio economic/policy implications (Dr Kgathi)

1500 hrs – 1530 hrs Tea/Coffee

**1530 hrs – 1630 hrs Plenary Session 3 Ongoing and Anticipated Regional Science
Projects (Malawi, South Africa, Tanzania) Chair: Dr Frank Eckardt (UB)**

1630 – 1730 hrs 1. **Presentations by the international aid /funding agencies
based in southern Africa**

- 1 USAID
2. Commonwealth Science Council
3. National Science Federation
4. Anglo American/Debswana
5. EC or DFID?

**1900 hrs RECEPTION HOSTED BY THE UNIVERSITY OF BOTSWANA
(BOTHALA RESTAURANT)**

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DAY 2 Tuesday July 27, 1999

0900 hrs – 10:30 hrs Plenary Session 4 (Continued) Ongoing and Anticipated Regional Science projects-(Mozambique, Namibia, Zambia, Zimbabwe) Chair: Dr Anne Thompson, Ozone project

- 1 Miombo Project
- 2 Forestry Commission
- 3 FEWS
- 4

1030 hrs – 1100 hrs Tea/Coffee

1100 hrs – 1145 hrs Plenary Session 4 Presentations by Botswana Government Departments on databases:

Chair: Mr Chipeta, Zambia Meteorological Services

1. Department of Meteorological Services (Mr Lesolle)
2. Department of Mines (Mr Matale)
3. Ministry of Agriculture (Mr Mandevu)
4. Department of Water Affairs (Mr Muzila)
5. National Conservation Strategy (Mr Monna)
- 6.

1145 hrs – 12:45 hrs Plenary Session 5 Presentation by Dr Tim Suttles on Results of the NASA EOS SAFARI Boulder Workshop and Aircraft Schedule

Chair: Mr Lesolle, Botswana Meteorological Services

1245 hrs – 1400 hrs LUNCH

1400 hrs – 1430 hrs Session 6 Outline of Group work on seven workshop themes, choosing of Group Leader and Scribe

Facilitators: Harold Annegarn and Sue Ringrose

- GROUPS
- A – Terrestrial Ecology – Land Processes
 - B – Land Cover – Land use Change
 - C – Aerosols and Trace Gases
 - D – Clouds – Radiation
 - E– Modeling
 - F – Socio-economic and policy issues
 - G – Hydrological issues

Groups to discuss SAFARI2000 Core Elements Activities

1. Researchers intentions? What activity at what times?
2. Activity integration with SAFARI2000
3. Project contribution to capacity enhancement/recognition within region
4. Indicate which core element activities not adequately addressed (?by Science Plan)
5. Assign member to Synthesis Team Working Group

1900 hrs SUPPER International and national points of contact to dine together (ongoing group discussions informally after supper)

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DAY 3 Wednesday July 28, 1999

0900 hrs – 1030 hrs Plenary Session 7 Brief Report Back on Group Discussions (A-G)
Chair: Dr Bob Swap

1030 hrs – 1100 hrs Tea/Coffee

1100 – 12:45. Session 8 Regional database and official procedures for regional collaboration
Chair: Otlogehswe Totolo

1. Development of regional database (NASA mirror site)-
Simon Wills (FFM) and Bob Cook (NASA)
2. Collaboration procedures for Zambia
3. Collaboration procedures for Zimbabwe
4. Collaboration procedures for Namibia
5. Collaboration procedures for Tanzania
6. Collaboration procedures for Malawi
7. Collaboration procedures for Angola
8. Collaboration procedures for Mozambique
9. Collaboration procedures for South Africa
10. Collaboration procedures for Botswana (Issac Mazonde)

1245 hrs – 1400 hrs LUNCH

1400 hrs – 1545 hrs Session 9 Outline of Group work on SAFARI2000 synthesis themes
(same groups as before-designate a scribe!)
Facilitators: Hank Shugart and Sharon Gomez

1. Determine overlap/synergy between projects to maximise airborne and remote sensing resources
2. Discuss how science ties to regional policy
3. Discuss data management plans and needs
4. Outline proposed collaborative activities
5. Identify regional points of contact for synthesis teams
6. Discuss gaps and evolve proposals to fill them

1515 hrs – 1545 hrs Tea/Coffee

1545 hrs – 1730 hrs Continued Group Work - Emphasis on drafting Collaborative and Synthesising Proposals

1645 hrs – 1730 hrs Proposal Drafting in Groups

1900 hrs SUPPER

WHERE POSSIBLE THE GROUP REPORTS AND COLLABORATIVE PROJECT PROPOSALS SHOULD BE FINALISED IN UB OFFICES WHERE COMPUTERS ARE AVAILABLE

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DAY 4 Thursday July 26, 1999

0900 hrs – 1030 hrs, Session 10 Synthesis Team Preparation time for group Reports – Get your bullets together for Plenary presentation

Tea/Coffee 1030-1100hrs

1100 hrs – 1245 hrs **Session 11 Synthesis Team Feedback and Discussions**
Chair: Choma Matale, Division of Mines

1230 hrs – 1400 hrs Pick up packed Lunch

1400 hrs – 1545 hrs Field excursions to:
 a) Thamaga (pottery)-Lobatse (Back 5:00 pm)
 b) Letlhakeng (Kalahari) (Back late)

1900 hrs SUPPER WILL TAKE PLACE WHEREEVER PARTICIPANTS CHOOSE IN **THE AFRICAN MALL**. GO STRAIGHT THERE IF YOU GET BACK LATE. OTHERWISE TRANSPORT WILL BE AVAILABLE LEAVING BNPC AT 7:00PM AND RETURNING TO BNPC/HOTELS AT 10:00PM. Restaurants in the African Mall include: Chinese (Great Wall of China), Taj (Indian), Nandos (Portuguese), K.F.C., Chickin' Lickin' etc...

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DAY 5 Friday July 30, 1999

0900 hrs – 1030 hrs Session 12 Plenary Session Finalisation of REGIONAL INTEGRATION: Chair: Harold Annegarn/Sue Ringrose

- 1. Review of Who, What Where and When**
- 2. Summary of Science and Synthesis proposals**
- 3. Review of regional Coordination and Synthesis Team Points of Contact**
- 4. Regional Funding issues**
- 5. What is missing?**
- 6. Discussion of upcoming remote sensing meeting in Cape Town, March 2000**
- 7. Discussion of Aircraft Planning Simulation Exercise post Cape Town meeting**
- 8. Discussion of next SAFARI2000 planning meeting to be held ca. April-May, 2000, venue?**

1030 hrs – 1100 hrs Tea/Coffee

1100 hrs – 1130 hrs

1130 hrs – 1230 hrs **Session 13 Plenary Session Finalisation of SAFARI IMPLEMENTATION: Chair: Issac Mazonde, UB**

Presentation by Dr Bob Swap: Revised Science Plan and Critical

Pathway Forward

Discussion

1230 hrs – 1400 hrs LUNCH – END OF WORKSHOP