0. SUMMARY OF DECISIONS AND ACTIONS:

Minutes
• Minutes of the last PAGES SSC meeting in Amsterdam were approved.
• Alverson to write a letter to thank START and NORRAD for their continuing efforts to support developing scientist participation in global change research.
• Grathwohl to make a more visible direct link to START on the PAGES website.
• Minutes of the last EXCOM meeting in San Francisco were approved.
• Alverson to email the EXCOM minutes to the SSC after each EXCOM meeting.

Synthesis Book
• Alverson to make sure the book is prominently displayed at the AGU meeting in San Francisco.
• Larocque to ask Springer if chapter pdfs can be made available to download from the PAGES website.
• Morais to send the Springer contract to the IPO. Done
• Alverson to distribute copies of the book to program managers to increase PAGES visibility.

Moving the Office:
• Alverson and Stocker to write a letter to the General Secretary of SANW on behalf of the SSC requesting that the IPO remain at its current location. Done

Visiting Scientists
• Alverson to find and maintain a furnished apartment. Done

INQUA Meeting
• Alverson to contact John Clague about PAGES co-sponsoring a plenary session at the INQUA congress. Done

SSC in Banff
• Alverson to contact the IGBP Secretary to see if rooms are available at the Banff Center to hold the meeting before the IGBP congress. Done

Budget 2003
• Stocker to inform the IPO if PAGES should apply for a 3- or 5-year renewal.

Foci Meetings
• Alverson and Larocque to urge Foci Leaders to make progress and plan meetings.

Lake Baikal Initiative Proposal
• Alverson to suggest they join the PANASH program. Done
• Alverson to suggest this topic be a special session at the OSM in Beijing. Done

Website
• Grathwohl to put the PAGES structure overheads back on the website.
• Grathwohl to add a sentence stating that PAGES does not pass on address lists to other organizations.
• Grathwohl to substitute the new IGBP structure for the one currently being used.
• Grathwohl to add links to meeting results and abstracts to the website.

**Picture Database**
• Kull to send out a call for contributions.
• Kull to add a sentence about copyright.

**Newsletters**
• Solomina to decide on the best strategy for special issues of the Russian meeting.

**Products List (those peer reviewed products that clearly refer to PAGES either in text or by logo)**
• Larocque to find out about the LUCIFS special issue and to add it to the list if it qualifies.
• Larocque to obtain information from Olago about the IDEAL book and add it to the list if it qualifies.
• All SSC Members to inform IPO of any products that can be listed.

**Flyer**
• Alverson to investigate if the layout can be done at the IGBP office.
• Larocque to create a list of developing scientists and universities to send material to. Done

**PANASH**
• Pedersen to send a letter to Ray Bradley to encourage the rapid creation of his committee.
• Alverson to contact Paul Hesse and offer him the leadership. Done, accepted

**POLAR PROGRAMS**
• *Julie Brigham-Grette was nominated by Saarnisto to membership of the committee.*
• Saarnisto to approach Raynaud and Mayewski to become committee members.

**SSC Membership**
• *Renewals were postponed until next year, by decision of EXCOM.*

**EXCOM Membership**
• *Pinxian Wang and Julie Brigham-Grette were added.*

**SSC Chair**
• *Vera Markgraf will be the appointed Interim Chair for 2003.*
• *Julie Brigham-Grette will be the Vice-Chair, with the expectation that she will become Chair in 2004.*

**OSM Beijing**
• The IPO to write proposals to various foundations.
• Larocque to target sponsors and send them her prepared package.
• Larocque to contact Singhvi for information on third-world funding possibilities.
• Organization Committee to decide the title of the conference.
• Local Committee to reserve a venue in Beijing and decide the exact dates (no later than September 2002).

### 1. MISCELLANEOUS

#### 1.1 Minutes

**Decision:** Minutes of the last PAGES SSC meeting in Amsterdam were approved.
**Actions:** PAGES IPO should write a letter to thank START and NORRAD, who will continue to fund developing scientists for another three years.
Make a more visible direct link to START on the PAGES website.

**Decision:** Minutes of the last EXCOM meeting in San Francisco were approved.

**Action:** The IPO should send the EXCOM minutes to the SSC members after each EXCOM meeting.

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**Synthesis Book**

Completion of the PAGES Synthesis Book is behind schedule but the IPO has now finished the layout and the book is almost ready to be sent to the printer. The SSC looks forward to this fine piece of work being published.

**Actions:**
- The IPO should coordinate with Springer to have the book out for the AGU meeting in San Francisco in December 2002.
- The IPO to ask Springer if a pdf of all chapters can be made available to download from the PAGES website.
- Morais to send the contract of Springer to the IPO.

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### 1.2 Welcome to New Members

PAGES welcomed Pinxian Wang, Rick Battarbee, Frank Sirocko and Olga Solomina as new SSC members.

**Statement:** The SSC thanks Olga Solomina for organizing this meeting in Moscow.

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### 1.3 Office Staff

Traditionally, the IPO consisted of 3 full-time positions. Today, the four staff members create 3.2 full-time positions. Budget cuts will mean that this number will go down to 2.2 full-time positions sometime during 2003.

**Statement:** SSC members salute the excellent job the PAGES IPO is doing.

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### 1.4 Moving the office

It was decided that it would be in PAGES best interest not to move the IPO. However, if a move is officially requested by SANW, then it would be beneficial to move with PROCLIM, assuming that the move is within Bern. If a move out of Bern is contemplated, the IPO should seek a relevant University or organizational host in Switzerland or, if elsewhere in the world, a host that is able to provide an equivalent or better level of support than is currently available in Switzerland.

**Action:** Alverson and Stocker to write a letter to the General Secretary of SANW on behalf of the SSC requesting that the IPO remain at its current location.

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### 1.5 Sabbatical Visits

Visiting scientists are an asset to PAGES. They have in the past produced special issues of the Newsletter (ISOMAP, Tom Edwards) and contributed to PAGES Synthesis (Interhemispheric Climate Linkages, Vera Markgraf). Such high-quality collaborations with visiting scientists should continue. PAGES could contribute to making their stay easier by:

- Finding a host institution at the University of Bern, as appropriate.
- Keeping a furnished apartment available for visiting scientists and their families.
- Providing cost-of-living support, as appropriate.

**Action:** The IPO to find and maintain a furnished apartment for a trial of at least one year. (A four-room apartment has been found and will be available by July 1 for the post-doctoral visit of Andre Paul from Germany.)

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### 1.6 Major Upcoming Meetings

**IGBP Congress**

The IGBP Congress will be held from 19 to 25 June 2003 in Banff, Alberta, Canada.
**INQUA Session**

The special INQUA Session on “Human-Environment Interactions: Past and Present” has been re-announced. A special PLENARY session should be “co-sponsored” by PAGES. Names of four potential speakers were submitted to Alverson and Pedersen during the SSC meeting.

**Action:** Alverson to contact John Clague and inform him that PAGES wants to co-sponsor a plenary session.

**SSC Meeting**

The SSC meeting should be held in association with the IGBP congress in Banff on two consecutive days. June 17 and 18 were suggested.

**Action:** The IPO to contact the IGBP Secretary to see if rooms are available at the Banff Center to held the meeting before the IGBP Congress. (Alverson has made contact and rooms are available for the SSC Meeting to be held before the IGBP Congress.)

**Beijing Meeting**

New members nominated to the existing Organizing Committee were John Dearing, Patrick de Deckker and Olga Solomina. The Committee had a lunch meeting on May 15 and Laurent Labeyrie was elected Chair. Themes for the meeting were chosen but the title of the conference has still to be decided.

**Actions:** Larocque to make an email list of the Organizing Committee and distribute it. Organizing Committee to decide on a title for the meeting.

2. **SYNTHESIS BOOK**

The title of the Synthesis Book will be: “Paleoclimate, Global Change and the Future”. The layout is ready and the last editing is being done. The book should be sent to Springer and printed by the AGU meeting in December.

**Action:** Copies of the book should be distributed to Program Managers to improve PAGES visibility.

3. **WORKSHOPS**

3.1 **Workshops 2001**

3.2 **Workshops 2002**

$5,000 was nominally allocated to each Focus Leader to organize a meeting before the end of 2002. Provision of this money was contingent on the Focus Leaders providing a one-page proposal, as for other workshops. The $5,000 for PANASH, IMAGES and PAGES/CLIVAR has already been allocated for their meetings in Hawaii (November) and Iceland (September) and SPAIN (October, 2003), respectively. The $5,000 for Focus 5 and Polar Programs is contingent on a proposal being sent to the IPO for EXCOM review.

**Action:** The IPO to encourage the Leaders to hold these meetings.

$20,000 was allocated to the open call for workshops. High priority was given to the following meetings:

- IMAGES SSC ($5,000)
- SEAMONS ($4,000)
- 6th International Dendrochronology Meeting ($5,000)
- Training Program in India ($5,000 only to developing county participants. Request them to increase their list of participants and include people from Bangladesh and Indonesia)
- LIMPACS brochure ($7,000)
Medium priority was given to the following meeting:
- Thailand Tree-Ring. PAGES needs more details. It should be linked with other programs.

Low priority was given to the following meetings:
- MARGO
- Ocean meeting
- ICDP-DOSECC (see notes below)
- 4th MIP workshop

**Action:** Alverson to send letters to the relevant people informing them of the SSC decision.

**PAGES-ICDP-DOSECC**

**Decision:** Julie Brigham-Grette was nominated to be the PAGES representative for ICDP.

**Action:** Julie should obtain more details about this proposal and link with ICDP at the geology meeting in the States.

### 3.3 Workshops 2003

**INQUA Meeting:**

PAGES will fund four people to go to the Plenary Session.

INQUA special session on Human-Environment Interactions ($5,000).

INQUA special session suggested by Francis Mayle (no funding).

Extreme Climatic Events in South America ($5,000, pending a decision on their funding. This amount should be only allocated if they are co-funded by other organizations.)

Dying and Dead Seas (no funding: Low priority)

**Action:** Alverson to send letters to the relevant people informing them of the SSC decision.

Died

Lake Baikal (both: meeting/initiative). This initiative should be linked with the PEP transect.

**Actions:** The IPO to suggest that one person joins the PANASH meeting. Write to Ray Bradley.

The IPO to suggest that this topic be a special session at the OSM in Beijing.

**Decision:** Limited financial support can be allocated, pending OSM funding.

### 4. FINANCES

#### 4.1 Budget 2001

#### 4.2 Budget 2002

It was discussed whether PAGES should obtain 3- or 5-year grants from the Swiss NSF. The SSC strongly prefers a 5-year proposal in order to provide continuity of office funding. The US NSF grant was submitted as a 5-year proposal but cut back to three by the US NSF.

**Action:** Stocker to ask the Swiss NSF if a 3- or 5-year proposal is most appropriate.

#### 4.3 Budget 2003

High costs are expected for the OSM in Beijing in 2004. This meeting is of high priority and PAGES should thus be cautious in providing money to other activities. PAGES should also seek to pay a deposit on the meeting ahead of time out of earlier year’s budgets (2002, 2003).

### 5. COMMUNICATIONS
5.1 Website
Suggestions from the SSC included the following:
- Mirror sites
- Find ways to increase the website’s use by students at universities.
- Investigate a program for blind people. This program reads the text on the website.
- Translate some pages into other languages (the welcome page and a contact person).

Actions: Grathwohl should add back the overheads on PAGES structure.
A sentence should be added stating that PAGES does not sell addresses to other companies.
The old IGBP structure should be replaced with the new one.
Links to meeting results/abstracts should be added to the web.

5.2 PAGES Picture Database
This database should include pictures showing environmental and global changes, not pictures of fieldwork. Various formats should be available: jpeg, power point, pdf. References and a short explanation should be added to the pictures.

Actions: Kull to send out a call for contributions.
A sentence about copyright should be added.

5.3 Newsletters
A special edition of the newsletter could be dedicated to the Russian meeting. A decision should be made following the meeting based on the quality of work presented there. A special issue of a journal could also be dedicated to the meeting.

Action: Solomina to decide on the best strategy for special issues of the Russian meeting.

Future Issue Ideas
Pollution: Battarbee to be coeditor.
LGM: Labeyrie has time after spring 2003.

Decision: These ideas are suggestions. It is not possible at this time to set a concrete date for these issues. Anyone who would like to finalize the timeline should contact the IPO.

“National PAGES” page
Such a page might be politically sensitive. Therefore, a disclaimer should be added stating that the work presented on this page does not indicate the only PAGES representation in this country.

Decision: The IPO will set up the layout of the page as the first example of “National PAGES”.

5.4 Books

Actions: The IPO to ask Olago about adding his new book to PAGES list of products.
All SSC to inform the IPO about new books with links to PAGES.

5.5 PAGES flyer
Could be translated into various languages. Should be distributed at various meetings.

Actions: Alverson to investigate if the layout can be done at the IGBP office.
The IPO to create a list of developing scientists and universities to send it to.

6. FOCI REPORTS
6.1 PANASH
Ray Bradley should be encouraged to rapidly create a committee. This committee does not need to be formed with the PEP Leaders.

Action: Pedersen to send a letter to Bradley to encourage the rapid creation of his committee.

PEP I
Markgraf suggested that there should be a change of leadership and a committee could be formed using the same design as the PEP III committee.

PEP II
Paul Esser has been nominated as the leader of PEP II. He should decide on committee members.

Action: Alverson to contact Paul Hesse and offer him the leadership. (Alverson has contacted Paul Hesse and he has accepted.)

PEP II synthesis papers should be sent to review by the end of this year.

PEP III

6.2 IMAGES

6.3 POLAR PROGRAMS
Saarnisto is mapping all the existing programs and will ask them to join.

Decision: Julie Brigham-Grette was nominated by Matti to membership of the committee.

Action: Saarnisto to approach Raynaud and Mayewski to become committee members.

Plans to create a Polar Programs newsletter were mentioned.

6.4 PAGES-CLIVAR
SEARCH was allocated $30 million.

There should be some plans to create products from this collaboration with CLIVAR. In 2004, HOLIVAR will hold a joint meeting with CLIVAR.

6.5 Past Ecosystem Processes and Human Environment Interactions
LUCIFS should be discussed at a Focus 5 meeting. Possibilities are a change of leadership, merging LUCIFS with HITE, or increasing its visibility.

Action: Dearing to call Leaders for a Focus 5 meeting by the end of the year.

Crosscutting themes
A meeting with all the Leaders should be organized in Beijing.

7. DATA

Decisions: Policies suggested by the Data Board were accepted by the PAGES SSC.

These policies will be available on the website.

8. OTHER

8.1 SSC Members

Decision: Renewals were postponed until next year.
8.2 EXCOM Members
Decision: Pinxian Wang and Julie Brigham-Grette were nominated.

8.3 SSC Chair
Statement: The SSC thanks Tom Pedersen for his excellent work as a Chair.
Decisions: Vera Markgraf is appointed Chair for 2003.
Julie Brigham-Grette is appointed Vice-Chair.

8.4 OSM Science Plans
The US NSF funding can be used to invite young scientists. Incentives should be created for students, e.g. a one-year subscription to Nature or Science. Other sources of funding should be found: e.g. APN, South America, International Science Foundation, INQUO and SOROS for Russians.
Actions: The IPO to write proposals to various foundations.
Larocque to target sponsors and send them her prepared package.
Larocque to contact Singhvi for information on third-world funding possibilities.
Organization Committee to decide the title of the conference
Local Committee to reserve a venue in Beijing and decide the exact dates (no later than September 2002).