

Session 5

Session 5: "Future Directions for Joint Research Programs"

Session Co-Chairmen

Peter Adams

President, TUNS

Michel Huther

Directeur Recherche et Développement, Bureau Veritas

Session Co-Chairmen: See previous sessions for resumes for Peter Adams and Michel Huther.

Session Abstract: The final session will review progress of the program in cold regions technology approved by the Scientific Mixed Commission of May, 1988. The content of joint research projects described during the workshop will be assessed. A panel will present ideas for the extension of current projects and for the initiation of new ones; a general discussion will facilitate the charting of future directions for the cooperative program. Final comments will be made by government officials and co-chairmen of the workshop.

"Assessment of Existing Programs"

Maurice Dusseault

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Author: Maurice Dusseault is Professor of Earth Sciences at the University of Waterloo. A graduate in civil engineering from the University of Alberta (BSc 1971; PhD 1977), Dr. Dusseault has diverse experience in consulting, teaching and research. He has achieved international recognition as a geomechanics expert from more than 100 publications on oil sands engineering, in situ extraction processes, and mine waste handling. He has also conducted research on the behaviour of salt rocks and consulted on the design of underground openings in these materials. Before joining the faculty of the University of Waterloo in 1982, Dr. Dusseault held an AOSTRA Research Chair at the University of Alberta. Maurice is currently on a working sabbatical as a visiting scientist with the Research Department of Société Nationale Elf Aquitaine (Production) at Pau, France.

Panel Discussion: Future Directions

Abstract: A panel of workshop delegates will briefly introduce a range of possible new joint research initiatives, including:

- service temperatures for steel and composites;
- composite materials for marine structures;
- steel-concrete composite structures;
- service temperatures for structures in space;
- floe size distributions in the French sector of the Southern Ocean;