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Subject: Input to SB003 annotated agenda and related annexes

INPUT TO SB003 ANNOTATED AGENDA AND RELATED ANNEXES

SUBJECT: management of planetary systems including climate as sustainable systems for sustainable living

INTRODUCTION

This is the submission to the UHCCC meeting to be held in November 2022 in Egypt. Further, this submission has been prepared by Tad Soroczynski (PhD). My background and expertise have been presented in my website: tadsoroczynski.com and is as follows: I am a systems engineer who specialises in strategic planning. In addition, I hold a PhD which deals with integrated systems analysis (ISA) to be used for the development of decision support systems (DSS). Further, my expertise is focused on modelling for sustainable systems for sustainable living. My special interests are related to the behaviour and performance of integrated output systems.

BACKGROUND

Human activities are changing the performance of single planetary system and have impact on performance of related planetary systems. It is necessary to state that the current management practices have failed due to lack of practical application of integrated systems analysis and a concept for management of planetary systems.

PROPOSED ACTION FOR CONSIDERATION

The new concept of management is based on the consideration that all planetary systems are large chemical and biological plants in which all processes need to be controlled as **sustainable systems suitable for sustainable living**. The output and management of these planetary systems should be maintained by human intervention.

This concept is now ready for implementation and calls for the management and maintenance of planetary systems for sustainable living.

The more detailed explanation of human activities and management of planetary systems for sustainable living is presented in the following paper:

Soroczynski, T. (2022). Modelling of Human Activities on Planetary Systems for Sustainable Living. In: Leal Filho, W. (eds) Handbook of Human and Planetary Health. Climate Change Management. Springer, Cham.

https://doi.org/10.1007/978-3-031-09879-6_1

REFERENCES

Soroczynski, T. 1988a, Sewage as a Potential Resource for the Northern Territory, Paper presented at the Conference organised by the Northern Territory Branch of Australian Water and Wastewater Association.

Soroczynski, T. 1988b, Regional Planning, Water Resources and EPA, Paper presented at the VII Annual Conference of the International Association for Impact Assessment, Brisbane.

Soroczynski, T. 1989, From Strategy to Management - Water Resources and Regional Planning, Proceedings of the Second National Conference of The Environment of Australia, The Environment of Australia, Melbourne, pp. 74-82.

Soroczynski, T. 1992, The Urgent Transition to Sustainability - Strategic Decisions, Regional Planning and Water Resources, paper presented at the 12-th Annual Meeting of the International Association for Impact Assessment, Washington, D.C.

Soroczynski, T. 1994a, Strategic Issues for Integrated Land and Water Management, Proceedings of the Fourth Stockholm Water Symposium, Stockholm, pp. 509-524.

Soroczynski, T. 1994b, Comments on Australia's Population Carrying Capacity, for Standing Committee for Long Term Strategies Parliament House.

Soroczynski, T. 1996, Integrated Systems for Management of Land and Water Resources, paper presented at the Sixth Stockholm Water Symposium, 4-9 August 1996, Stockholm.

Soroczynski, T. 1998, Selection of Time Horizons for Strategic Management of Land and Water Resources, paper presented at the Eighth Stockholm Water Symposium, 10-13 August 1998, Stockholm.

Soroczynski, T. 1999, Integrated Systems Analysis of Population, Land and Water Resource, PhD thesis, University of New England, Australia, (unpublished).

Soroczynski, T. 2000, Australian Case - Integrated Management of Land and Water Resources, X-th World Water Congress of the International Water Resources Association, 11-17 March 2000, Melbourne.

Soroczynski, T. 2001a, Integrated Systems Analyses for Cities, the International Congress on Modelling and Simulation MODSIM 2001 on Integrating Models for Natural Resources Management Across Disciplines, Issues and Scales of the Modelling and Simulation Society of Australia and New Zealand, 10-13 December 2001, Canberra, Australia, pp.1901- 1906.

Soroczynski, T. 2001b, Comments on "What should Earth Summit 2002 be trying to achieve?" (website: www.lifeonline.org/debate or as a pdf file from www.earthsummit2002.org/es/life/default.htm).

Soroczynski, T. 2002, Integrated Systems Analysis and Sustainable Development. In Rizzoli, A. E. and Jakeman, A. J., (eds.), Integrated Assessment and Decision Support, Proceedings of the First Biennial Meeting of the International Environmental Modelling and Software Society, Volume 3, pp. 133-138. iEMSs, 2002. See website:

<https://scholarsarchive.byu.edu/cgi/viewcontent.cgi?article=3803&context=iemssconference>

Soroczynski, T. (2022). Modelling of Human Activities on Planetary Systems for Sustainable Living. In: Leal Filho, W. (eds) Handbook of Human and Planetary Health. Climate Change Management. Springer, Cham. https://doi.org/10.1007/978-3-031-09879-6_1

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