

The current polycrisis and foresight in sustainability: A need for a new ecology?

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The recent foresight study on planetary health and human wellbeing conducted jointly by the International Science Council and the United Nations Environment Programme highlights that, as global crises join forces, the world must adopt a forward-looking approach to protect human and planetary health. Possibly, the most significant contribution of the study is to draw our attention to the underlying causes of change, which in some cases may seem remote from modern ecology. This important shift in the conceptual framework of how such drivers influence ecosystem benefits and human wellbeing is needed and will have implications for methods of study, and for guiding strategies and interventions. In this context, the world community of ecologists is confronted inter alia with the following questions: *Are the principles of ecology still valid in the era of the 'Anthropocene'? Is the next generation of ecologists being trained in an adequate manner and what is the role of transdisciplinarity therein?*