SUSTAINABLE SCIENCE A NEW FRONTIER OF GLOBAL ENVIRONMENTAL PUBLIC HEALTH

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Abstract: Public health lies at the crossroads of society and the health sciences. Biology, the environment, systems and populations cross at this intersection to shape the health of a diverse planet. The overall goal of environmental public health is to transform research, education, and outreach into public health impact: to prevent disease, and to protect, restore and promote health, well-being, security and safety. Sustainability science focuses on meeting the needs of the present without compromising the ability of future generations to meet their own needs. We live in an Envirome that reflects all environmental exposures including nutrition, pollution, and psycho-social entities that interact with our genome to define wellness or illness of humans and other animals. The concept of one-world –one health that examines health at the border of animal-human interface will be discussed in the context of sustainable decisions for the Envirome and consequences to human health.