

IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES
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TEACHING THE NEXT GENERATION OF SCIENTISTS STRATEGIC AND SUSTAINABLE
ADAPTATION PRACTICES IN AGRONOMY FOR GROUP CONFLICT PREVENTION IN THE
PEACEFUL USES OF OUTER SPACE

Abstract

As demonstrated by recent geopolitical activities on earth our consumptive ecological practices established during colonialism and the advent of industry has for generations created the geopolitical crises we face today. The products of and a complete dependency on the practices of deforestation and industrialized extractive mining for electronics compound the historical exploitation natural resources and human labour from developing states. Many of whom still bearing the scars of colonialism from the last several centuries of Human history. These actions include War, nuclear weapons testing, urbanization and industrialization, continued deforestation, and extractive mining. Extractive mining on an industrial scale for a continued unsustainable consumption of electronic technology, decimates the natural environment, contributes to ground water contamination and displacement of indigenous peoples. These practices are simply no longer ethically acceptable on Earth and were always unsustainable. Learning the selective breeding practices from resilient groups of indigenous people or migratory farmers can and must be studied for food security. We have a chance to change the trajectory of all human history and life on earth. Herein, I present how and why this knowledge can be respectfully studied with mindful engagement. Acknowledgement of prior with natural resources mismanagement is important, for failure can be teachable if an encompassing respect for sustainability in space activities is found. How we manage climate in the coming decades requires rapid strategic multilateral social contracts. Inspiration and meaningful changes that will allow for the next generation of scientists to find Earth-Based strategies for climate adaptation. Importantly, United Nations 2030 Sustainable Development Goal 12, “Ensure sustainable consumption and production pattern” is critical and ethically inseparable in terms of the peaceful uses of outer space. “Space breeding” indigenous and healthy food crops to prepare for food and water security inspire action, not despair and motivates new space scientists to teach, model, and establish a loss of social trust in our outer space activities. The seeds of a critical skill set for the next generation of space leaders; policy makers will be planted.