

## **Nexus between Climate Change and Human Security in Sri Lanka: Implications for Small Island Developing States in the Indian Ocean Region**

APA Prasanga<sup>1#</sup>

<sup>1</sup>Institute of National Security Studies, 8<sup>th</sup> Floor, “Suhurupaya”, Battaramulla, Sri Lanka

#apa.prasanga@gmail.com

### **Abstract**

This study explores the interconnectedness of climate change and human security in Sri Lanka and its broader implications for Small Island Developing States (SIDS) in the Indian Ocean region. The research addresses a critical gap in understanding the complex relationship between climate change impacts and the challenges faced by human security in Sri Lanka, with implications for similar vulnerable island nations in the Indian Ocean region. The research problem stems from the recognition that climate change poses substantial risks to human security in Sri Lanka, particularly in SIDS in the Indian Ocean region. The objectives of this research are to analyze the key climate change impacts on human security in Sri Lanka, assess the vulnerability of SIDS in the Indian Ocean region to climate change, and propose policy recommendations to enhance human security. The research methodology involves a qualitative research approach with a comprehensive literature review, analysis of climate and security data, and semi structured interviews with key stakeholders engaged in climate change adaptation and human security efforts. The results demonstrate that climate change exacerbates existing vulnerabilities and poses significant threats to human security in Sri Lanka and other SIDS in the Indian Ocean region. The findings reveal the interconnected nature of climate change impacts and human security challenges, highlighting the necessity of integrated approaches that address social, economic, and environmental dimensions. In conclusion, this study emphasizes the significance of enhancing resilience measures and strategies to protect vulnerable communities and ensure sustainable development in SIDS within the Indian Ocean region.

**Keywords:** *Climate Change, Human Security, Sri Lanka, Small Island Developing States, Indian Ocean Region*