

***Analytical Assessment of the Impact of Climate Change on International Agrarian
Policy: Challenges and Opportunities for Ukraine***

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Climate change is reshaping agricultural production systems and policy frameworks across regions, creating structural challenges for governance and food security. Increasing variability in precipitation, more frequent droughts, and shifting seasonal conditions place sustained pressure on agricultural systems and require responses that extend beyond national policy frameworks toward international governance.

Ukraine offers a relevant case for examining these dynamics. As a major global grain exporter, it plays a significant role in European and international agricultural markets, while its agricultural sector remains highly exposed to climate-related risks, including drought, soil degradation, and unstable production conditions. These environmental pressures intersect with geopolitical instability, which further shapes both policy capacity and governance responses.

International institutions are central to agricultural adaptation processes. The European Union influences agricultural governance through regulatory frameworks, policy standards, and integration mechanisms, while the Food and Agriculture Organization of the United Nations (FAO) provides technical expertise, policy guidance, and capacity-building support. Their influence varies across instruments and institutional channels and is not uniform in its effects on national policy development. This project examines how EU and FAO mechanisms shape agricultural adaptation policy in Ukraine, focusing on regulatory alignment, coordination, technical assistance, and policy diffusion. Rather than treating these influences as linear policy transfer, it analyzes how they are translated into domestic policy processes, with the EU operating through regulatory convergence and integration frameworks and the FAO through technical and institutional support.

Methodologically, the research adopts a qualitative case study design based on document analysis of Ukrainian policy documents, EU frameworks, FAO reports, and international agreements. The analysis focuses on adaptation priorities and patterns of institutional coordination. The project contributes to understanding how climate related agricultural risks are governed through multi-level institutional arrangements and how international governance structures shape domestic adaptation under environmental and geopolitical constraints.

The Rachel Carson Center provides an interdisciplinary environment focused on environmental change and socio-institutional transformation. The visiting period will support further development of the analytical framework and the master's thesis through academic exchange and access to research resources.