

## Special Issue

# Aquaculture in Central and Eastern Europe

### Message from the Guest Editors

A main feature of aquaculture in the CEE region is the dominance of pond aquaculture focusing on common carp rearing. CEE is the largest carp region outside of Asia. Many results of carp propagation and rearing technologies are applied worldwide. To meet challenges of pond aquaculture—especially climate change—a trend of combining traditional pond aquaculture with intensive rearing of high-value species towards sustainable intensification is applied. There are good regional examples of the application of Combined Intensive Extensive (CIE) and IMTA systems (multifunctional pond fish farming and aquaponic systems). These systems meet the criteria of a circular economy, taking advantage of the benefits of extensive pond farming (including ecosystem services) and intensive production mainly in RAS, and contributing to the sustainable use of the limited and vulnerable freshwater resources. However, further research and innovation are needed to improve the financial viability of these systems. Opportunities offered by marine aquaculture have not been explored.

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