The European Drought Impact Database:
Comprehensive Drought Impact Collection Methodology for Europe

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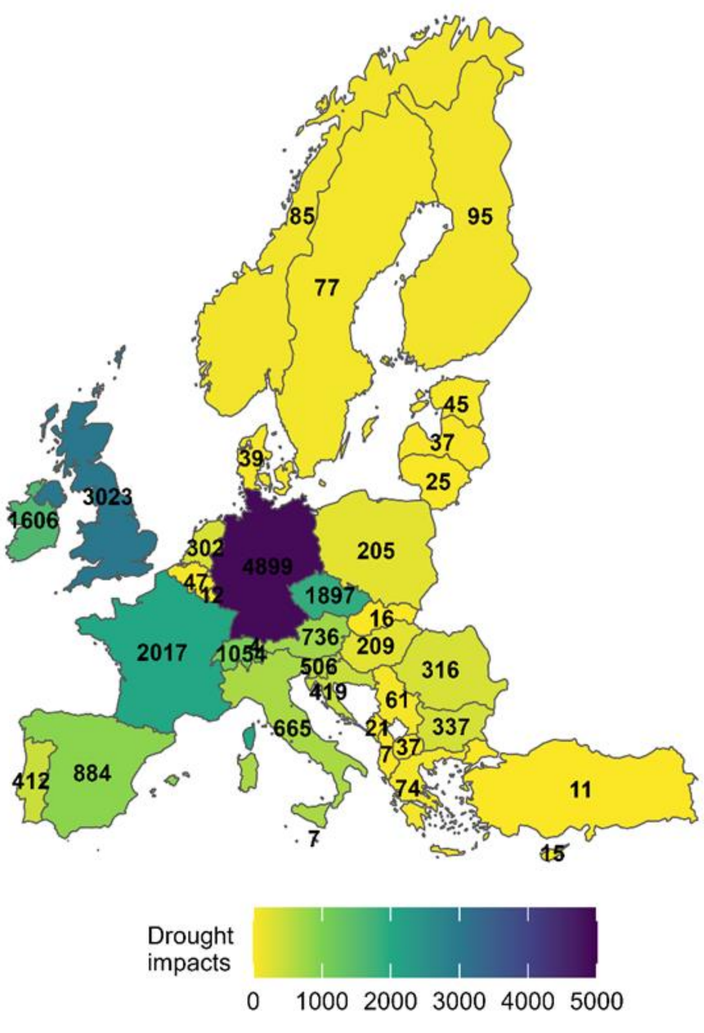
The European Drought Impact Database (EDID) offers standardized framework for drought impact data across Europe. By integrating, regional resources, artificial intelligence and automation, it enhances data collection efficiency, providing policymakers with reliable information for effective drought management. EDID advances research on climate change and natural hazards by filling data gaps and improving the quality of drought monitoring systems, ultimately supporting better disaster response strategies.

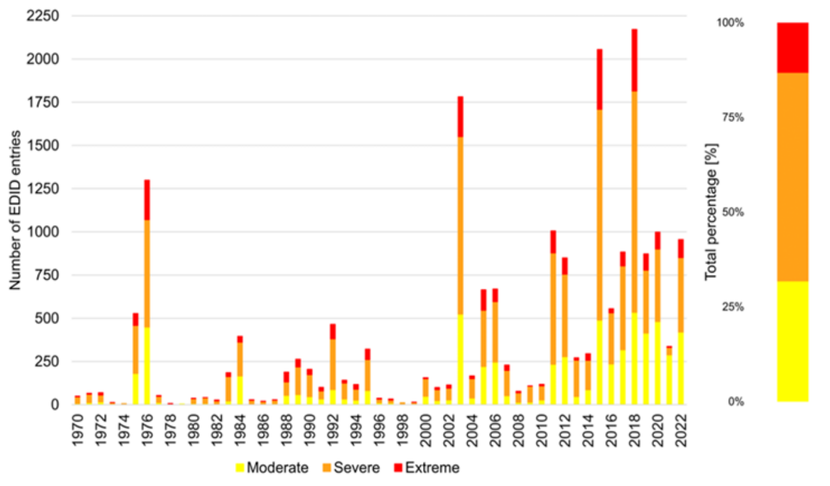
EDID establishes a blueprint for a standardized framework for drought impact data collection across Europe and enhances the efficiency of drought impact data collection by providing detailed methodologies. These advanced methods can be integrated into operational systems, improving strategies for monitoring and responding to natural hazards.

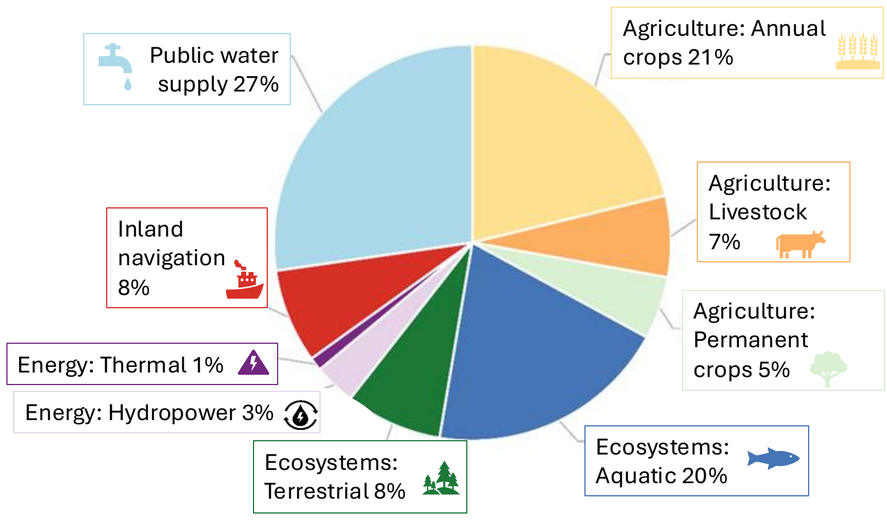
Content of the European Drought Impact Database

>14000 drought impact reports covering EU for 1970-2022



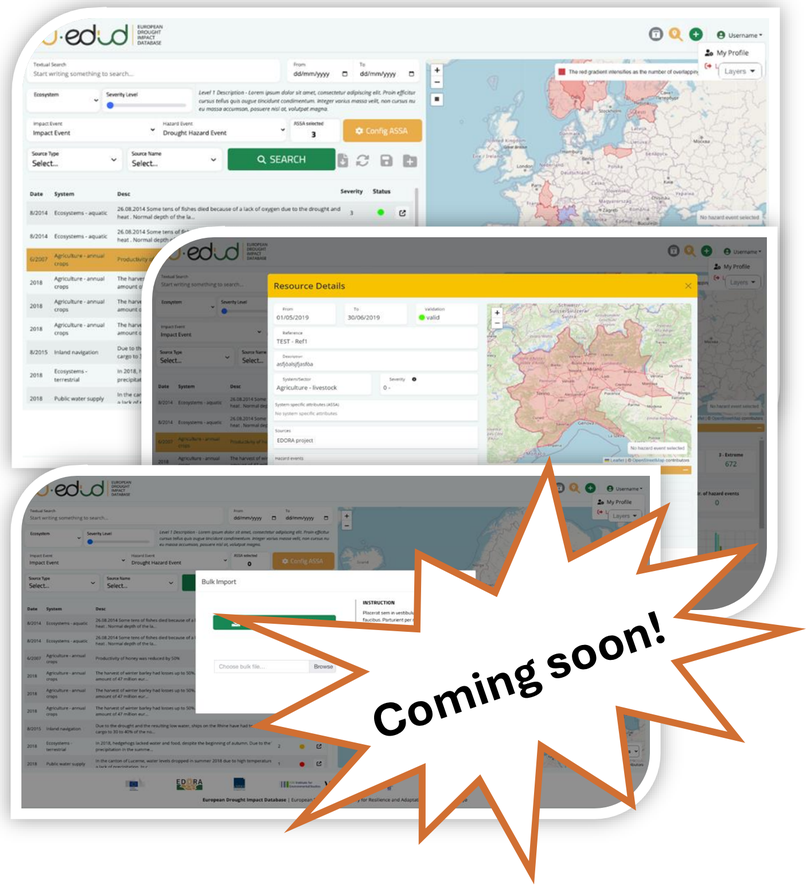
9 drought impact sectors and impact severity score





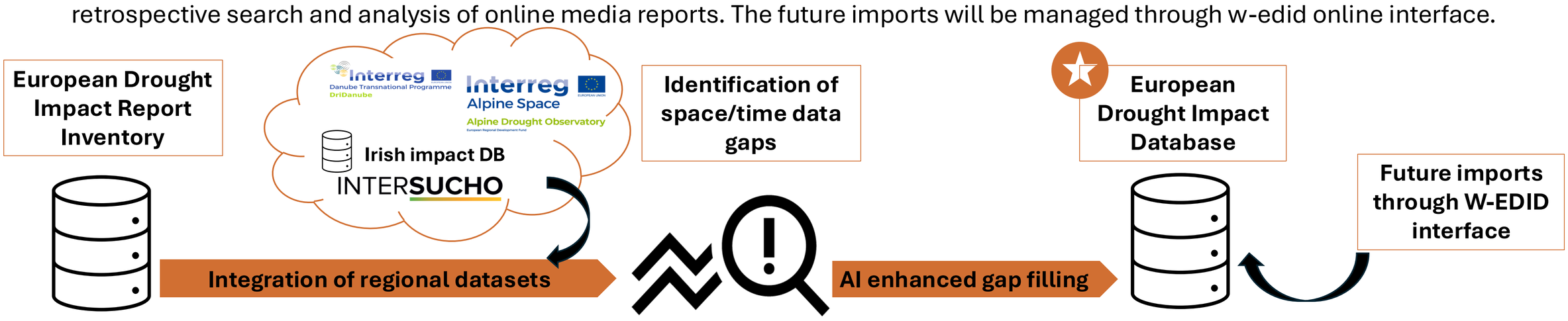
Online web interface for EDID interaction

Web European Drought Impact Database (w-edid) for drought impact data access, browsing, analysis, map view, download and future inputs.



Development of the EDID: Methodology and Integration

The European Drought Impact Database (EDID) was developed by integrating multiple past impact data collections across Europe into a unified, detailed data structure. This integration helped identify data gaps, which were then addressed through a semi-automated retrospective search and analysis of online media reports. The future imports will be managed through w-edid online interface.



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