

## Editorial

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Dear Readers,

Hydromorphological change and sediment management have been identified by ICPDR as significant water management issues of the Danube. Two projects presented in *Danube News* 37 focus on these topics. The contribution of Peter Fischer from the Aueninstitut Neuburg/Donau describes a recent investigation of the bypass system "Ottheinrichbach", which makes a lateral connection between the Danube and its floodplain in the area of Neuburg and Ingolstadt possible. Using ground-based LiDAR and photogrammetry tools, hydromorphological characteristics were investigated in different reaches and

habitats. For all habitats enhanced eco-hydromorphological dynamics was proven. *DanubeSediment* is an international project funded by the Danube Transnational Program. It aims at finding solutions to improve sediment quality as well as sediment transport from a basin-wide perspective. In this issue of *Danube News*, Hanna Skiba and co-authors from Germany, Austria, Hungary, Slovakia and Romania provide a brief overview of the project. They describe sediment data collection, the identification of key drivers of sediment continuity and they offer an outlook on developing a sediment guidance and a stakeholder manual as major outputs of the project.

The news and notes section presents three short articles on the discovery of a new copepode species in groundwaters of Germany (Santiago Gaviria), conclusions from microbial faecal pollution monitoring during JDS 3 (Alexander Kirschner) and nutrients assessment in the Romanian Danube (Carmen Postolache).



Hydro-power dam Bergheim/Bavaria. One of hundreds of dams along the Danube that block fish migration and sediment transport and call for projects reported by Skiba et al. and Fischer in this issue. © Aueninstitut Neuburg

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## Hydrological catchment of the River Danube

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