



Seminar on Dam Engineering

MÖHNE DAM

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Strengthening of master curricula in water resources
management for the Western Balkans HEIs and stakeholders

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Möhne Dam



Aleksandar Komatina

History of Möhne dam

- ▣ one of the largest reservoirs in Europe
- ▣ historic monument



Operating the Möhne Reservoir



- Concrete dam
- Up to 40m high
- 650m long
- 134.5 million cubic metres of water

- ▣ Gravity dam
- ▣ its cross section has a triangular shape
- ▣ arched shape - designed to prevent pressure resulting from temperature changes from affecting the massive construction
- ▣ main power station - supplying approximately 3,000 households

- ▣ Bottomoutlet
- ▣ Water output through the circular valves can be adjusted infinitely



Spillways

- ▣ circular valves
- ▣ flood spillways (105)

