



Hydrology

Clear Thinking, Sustainable Solutions

Arup is a global firm of designers, engineers, planners and business consultants providing a diverse range of professional services to clients around the world.

Sustainability underpins our work and the firm is the creative force behind many of the world's most innovative and sustainable buildings, transport and civil engineering projects.

Arup has experience in all aspects of water engineering and water management. Our capabilities cover the entire water cycle, in temperate, arid and tropical environments. We have a vast pool of technical expertise across the world, enabling us to achieve the best possible results for our clients.

Our integrated, catchment-based approach to water cycle management means that hydrology is central to our work and we have capabilities across the field of hydrology.

SERVICES OFFERED INCLUDE:

- Flood risk assessments to SPP7, TAN15, PPS25 & PPS15
- Flood and low flow frequency estimation
- 1D, 2D and 3D numerical modelling
- Inundation mapping
- 3D city modelling and flooding simulations
- Flash flood analysis
- Reservoir flood studies
- River restoration and floodplain rehabilitation
- Sustainable drainage
- Hydraulic design of bridges and culverts
- River and coastal management
- Environmental Impact Assessment

FOR FURTHER INFORMATION PLEASE CONTACT:

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