

Water Resource Engineering

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Civil Technology

The features of dam, dyke and irrigation canal

- ▶ Dam, core wall, dyke, irrigation canal.
- ▶ Earthen dam/Masonry dam
- ▶ Advantages and Limitations of an Earthen dam/Masonry dam



The features of dam, dyke and irrigation canal

- ▶ **Construction procedure of an earthen dyke/dam**

- ▶ Preventing the failure of an earthen dam/dyke.





(a) No protection



(b) Core protection



(c) Upstream surface protection