Mindluster Platform

About the course River Engineering

River Engineering course in hindi, in this course In this course, we'll explore techniques to manage rivers, prevent floods, and enhance water resources sustainably through engineering practices.

Engineering Category's Courses

Course Lesson(26)

Lesson 1 : **River Engineering Intro Video**

Lesson 2 : **Lec 1 Introduction to River Engineering**

Lesson 3 : **Lec 2 Basic properties of sediment I**

Lesson 4 : **Lec 3 Basic properties of sediment II**

Lesson 5 : **Lec 4 Mass Conservation**

Lesson 6 : **Lec 5 Linear Momentum Equation**

Lesson 7 : **Lec 6 Navier Stokes Equations**

Lesson 8 : **Lec 7 St Venant Equation and Solver**

Lesson 9 : **Lec 8 Specific Energy and Critical Flow**

Lesson 10 : **Lec 9 Hydraulic Jump and Celerity**

Lesson 11 : **Lec 10 Floodwave Celerity and Loop Rating Curve**

Lesson 12 : **Lec 11 Sediment Transport in River**

Lesson 13 : **Lec 12 Sediment Transport in River II**

Lesson 14 : **Lec 13 Sediment Transport in River III**

Lesson 15 : **Lec 14 Physical River Models**

Lesson 16 : **Lec 15 Bridge scour processes and estimation**

Lesson 17 : **Lec 16 Bridge Scour II**

Lesson 18 : **Lec 17 Jet Scour and River Navigation**

Lesson 19 : **Lec 18 River Training Work**

Lesson 20 : **Lec 19 Riverbank Stabilization I**

Lesson 21 : **Lec 20 Riverbank Stabilization II**

Lesson 22 : **Lec 21 Riverbank Protection and Control Structures**

Lesson 23 : **Lec 22 River Equilibrium I**

Lesson 24 : **Lec 23 River Equilibrium II**

Lesson 25 : **Lec 24 River Equilibrium III**

Lesson 26 : **Lec 25 Concluding Lecture**

Related courses

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