

Mining – Oil Exploitation

1. The strategic importance of oil and gas for the world economy
2. Methods of exploration of oil and gas deposits, strategic decision-making in the exploration, development and exploitation of oil and gas deposits
3. Principles of oil and gas deposits development designing
4. Completion of production wells and their workover
5. Production equipment, pipelines, gathering centers, measurement
6. Enhanced oil recovery methods
7. Underground gas storage
8. Risks during exploration and exploitation of oil and gas deposits
9. Petroleum recovery methods and basic displacement mechanisms
10. Chemical enhanced oil recovery
11. Thermal oil recovery
12. Mobility control during the flooding process