Land Reclamation Planning for Underground Coal Mining Areas and Case Studies in China [1]

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Abstract: Coal is the most important energy in China. 85% of coal output comes from underground mining in China. With the excavation of coal from underground, land subsidence is serious, which also produced a lot of environmental problems. Land reclamation plan is the key for repairing the damaged the land and environment. This paper conducted research on the principle and classification mined land reclamation planning. A general technical procedure for land reclamation planning was presented. Based on several case studies for abandoned and active coal mines in China, the methods and results of land reclamation planning were discussed.

Additional Key Words: reclamation planning, coal mining, subsidence