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Experimental study on infiltration and freeze–thaw damage of water-bearing coal samples with cryogenic liquid nitrogen

Dong Zhao, Qiao Wang, Dayuan Li, Zengchao Feng



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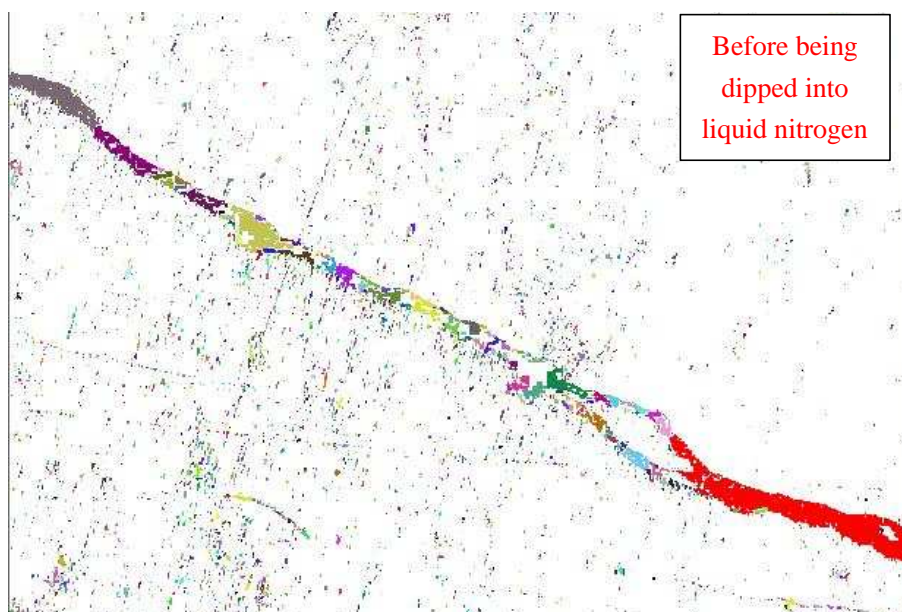
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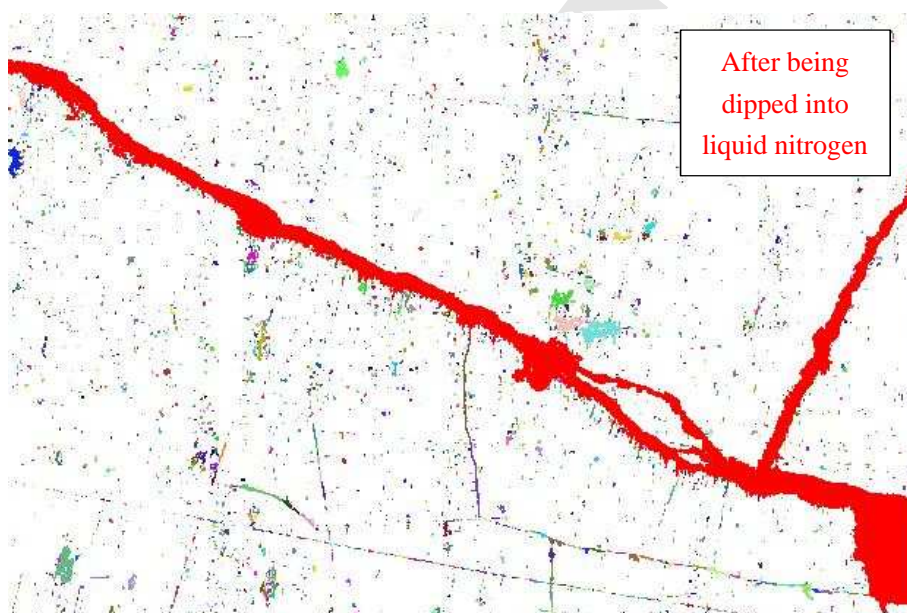
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Changes of percolation zones of coal sample before and after being dipped into liquid nitrogen (Red zones are the most connected group in the region)



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