

3D Metrology in geomaterials

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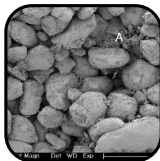
2017 Hercules Specialised School



Natural Geomaterials



Granite

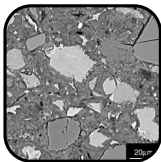


Sand

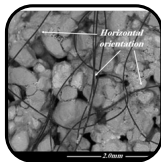


Clay

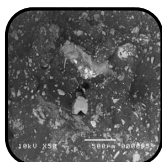
Artificial geomaterials



Concrete

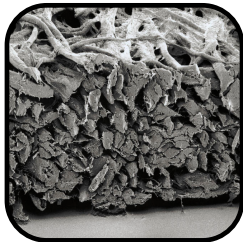


Fiber reinforced sand



Asphalt

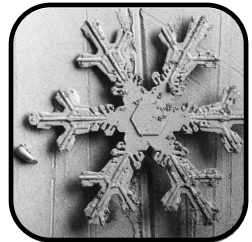
they share a lot of properties with unexpected materials



paper



bone



snow

Risk prevention



Sinkholes



Landslides



Building collapse

Engineering developments



Underground works



Oil&Gas



Civil Engineering