1. Research field
   1. Research questions
   2. Research aim and objectives
   3. Take home message
2. Research design
   1. Methods
   2. Modeling code
   3. Case studies
      1. Bilston Glen
      2. Dawdon
3. Chapters
   1. Chapter 1:  heat extraction from borehole heat exchanger and shallow recharge potential
      1. GSHP technology
      2. Heat exchanger
   2. Chapter 2: Heat sources and distribution in coal mines
      1. Conceptual models
      2. Hydrology
      3. Heat flow
   3. Chapter 3: Mine modelling – importance of geometric features from mine plans
      1. Mine geometry (type of mining / mining methods)
   4. Conclusion: geothermal potential and sustainability opportunities
4. Time plan (Gantt chart)
5. Resources
   1. Budget (ressources available / needed)
   2. Data management plan
      1. Data repositories and version control
      2. Codes
   3. Training
   4. Conferences
   5. Teaching experiences
6. Supervisory arrangements and collaborations
7. Ethical and Health and safety considerations
8. References