

Compressional Tectonics and Fracture Patterns of the Redtail Area, Denver Basin

Ceyhan Sahinkaya Akyol
M.S Student , Spring 2026



COLORADO SCHOOL OF
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OUTLINE



EDUCATION

EXPERIENCE

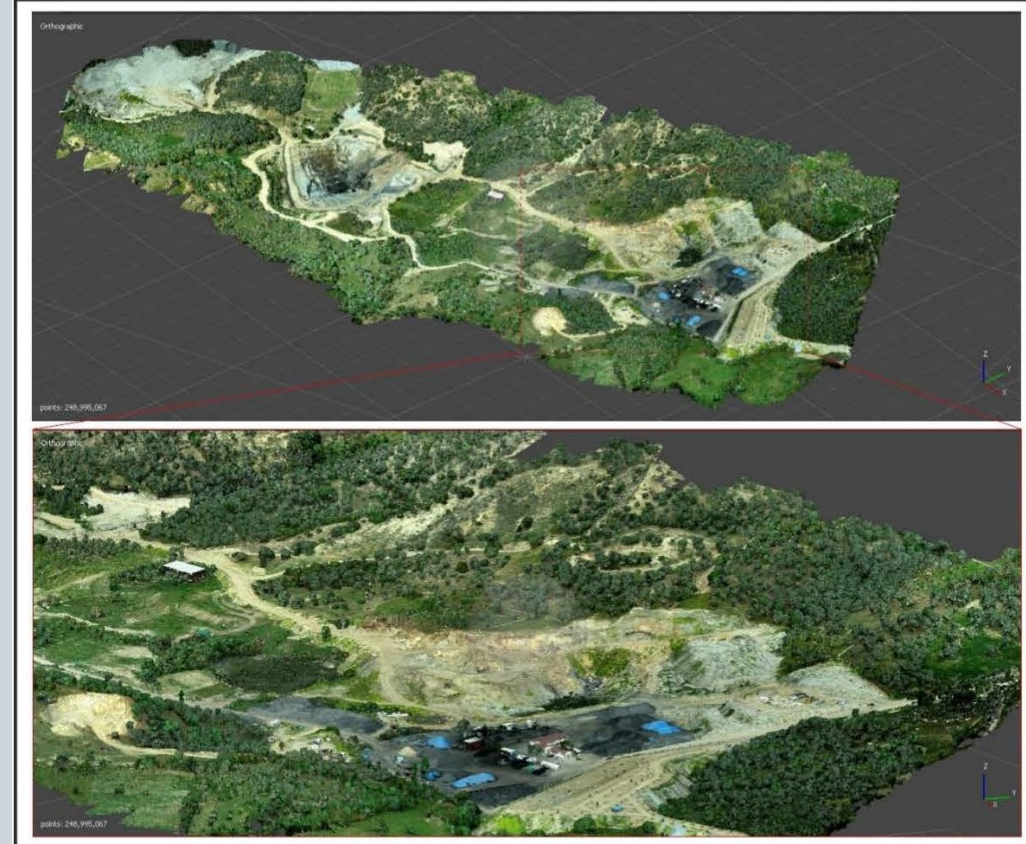
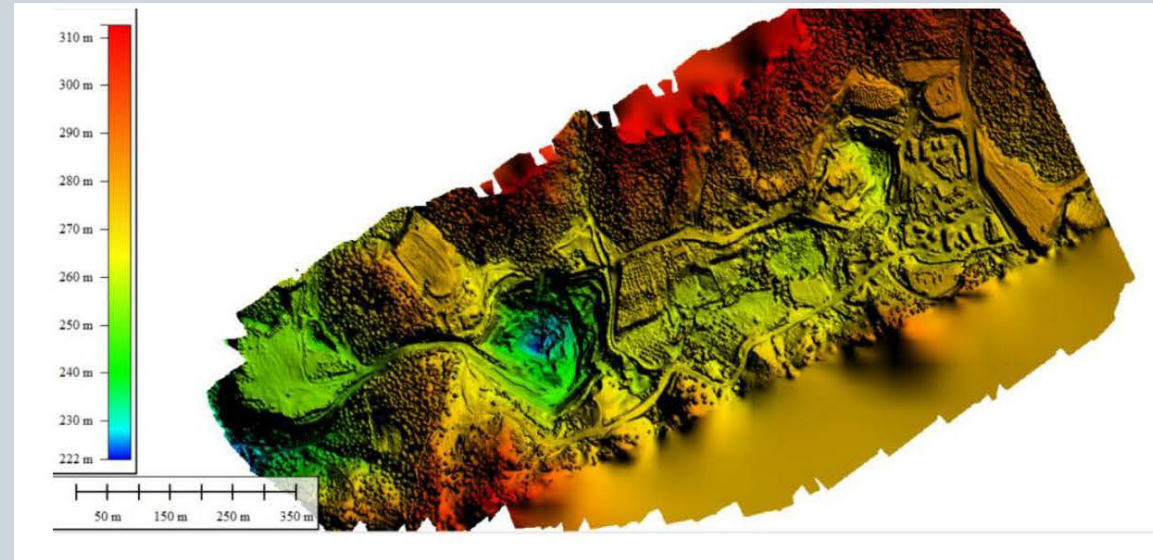
STUDY

Education

Dokuz Eylul University (2017-2021)

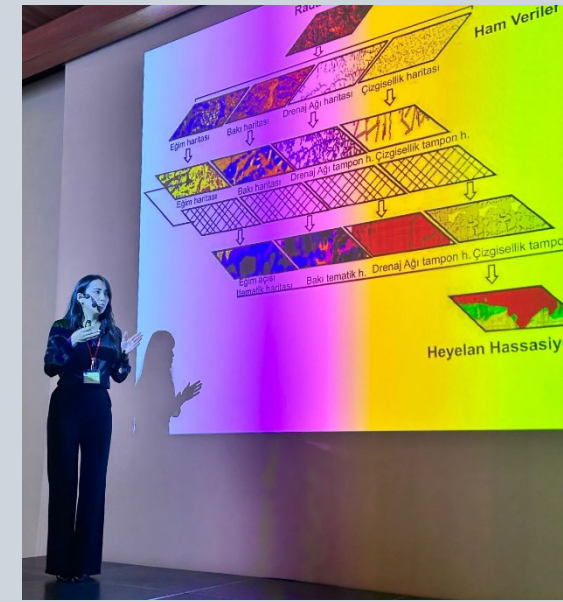
- ❖ BS. in Geological Engineering
 - BS. Thesis Title : Evaluation of Slope Stability Using Finite Element Method in the Open-Pit Coal Mine Located in the Aydın-Egean Region

- ❖ AS. in Geographical Information Systems

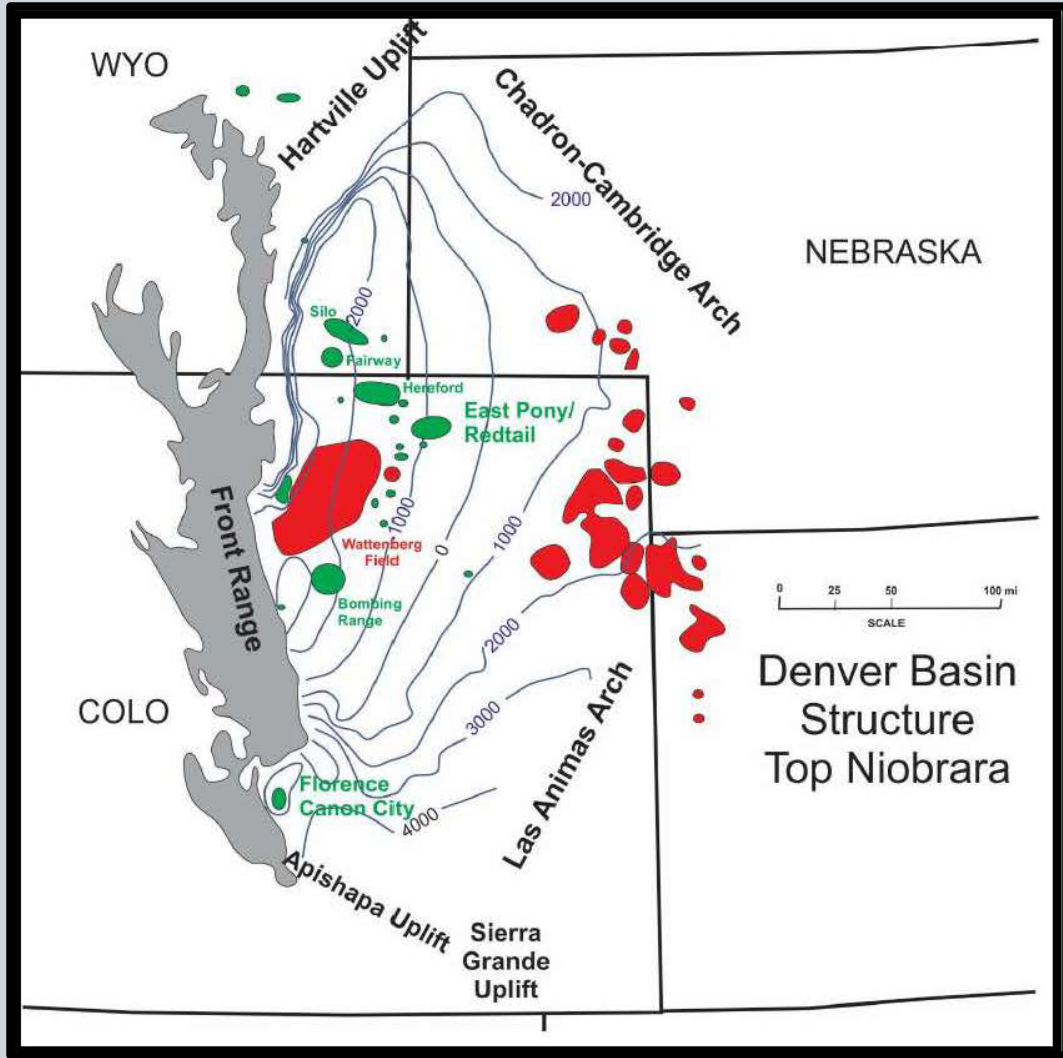


Experience

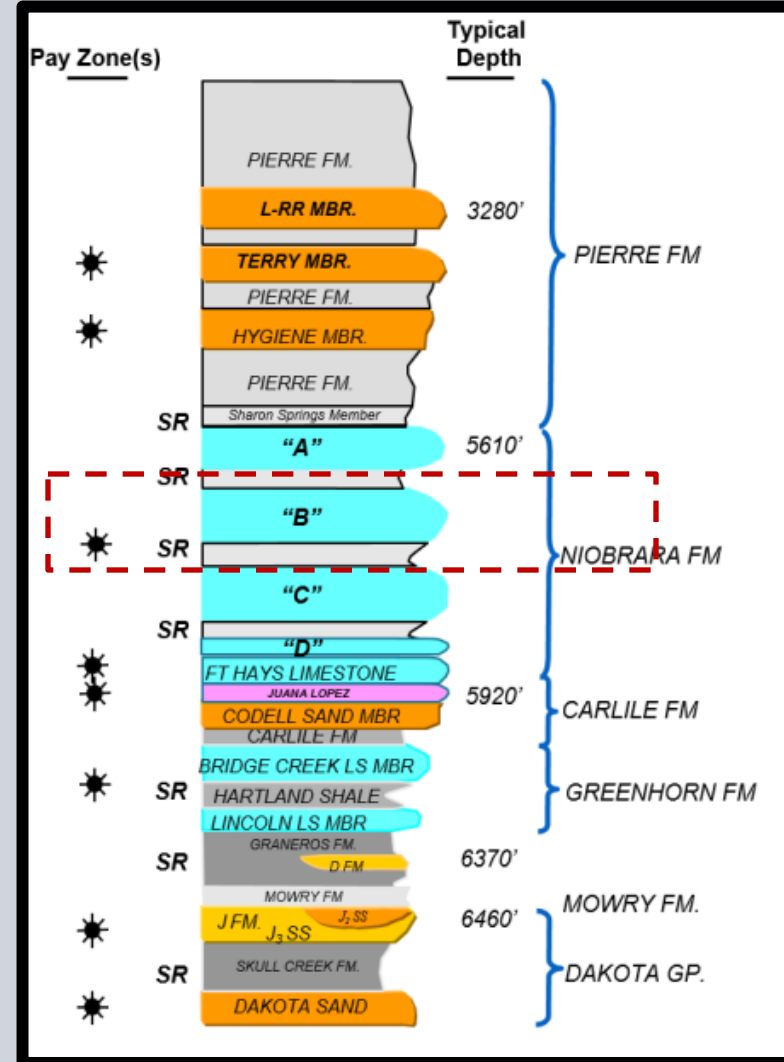
- ❖ **OPTEMI TECHNOLOGY (2023-2024)**
Drilling Investigations and Lab. Tests
- ❖ **JEMAS- ACADEMI INDUSTRY PARTNERSHIP (2022-2023)**
Egean Region Earthquake Research Studies
- ❖ **MSC ENGINEERING GEOTECHNICAL DRILLING CONSTRUCTION (2021)**
Landslide Study Office Works- Irrigation Conduit Geotechnical Study Field and Office Works (Internship)



Niobrara Structure Map and Redtail Location

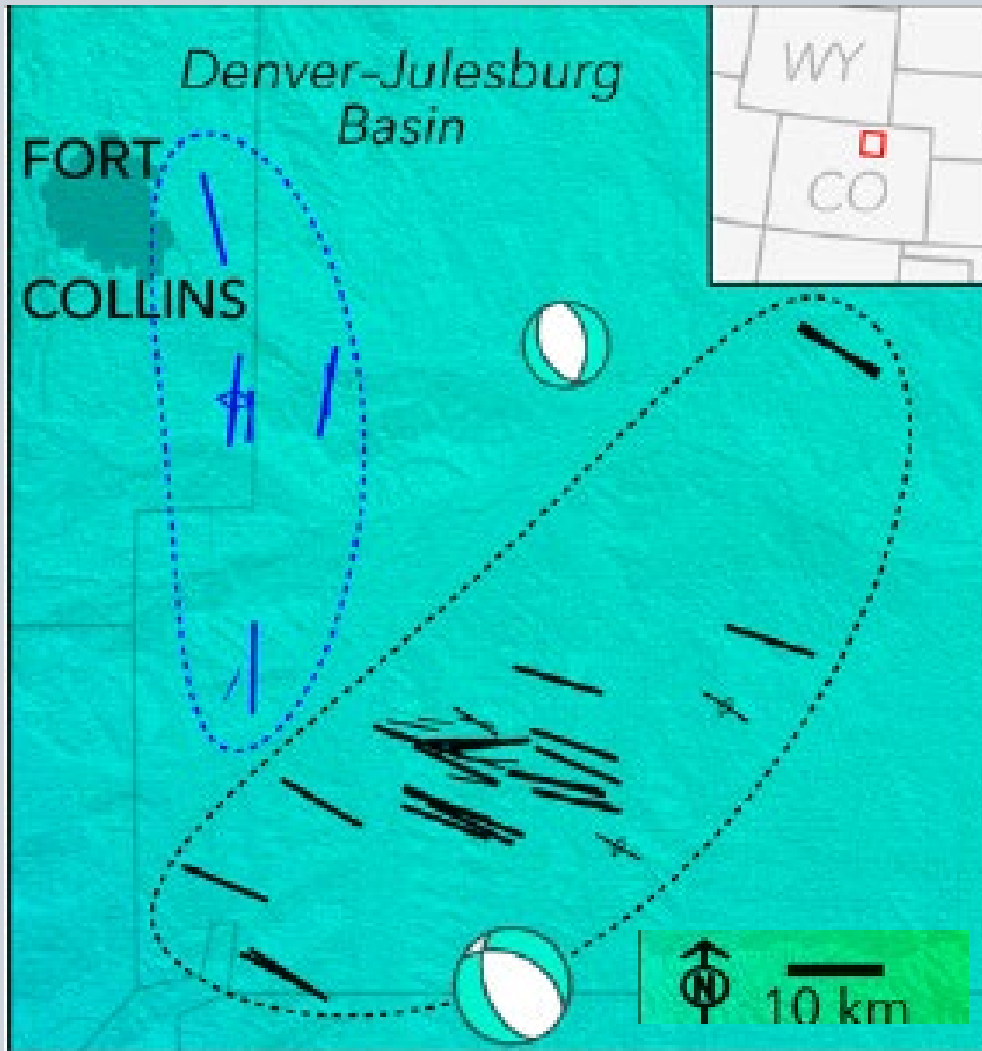


(Sonnenberg, 2017)

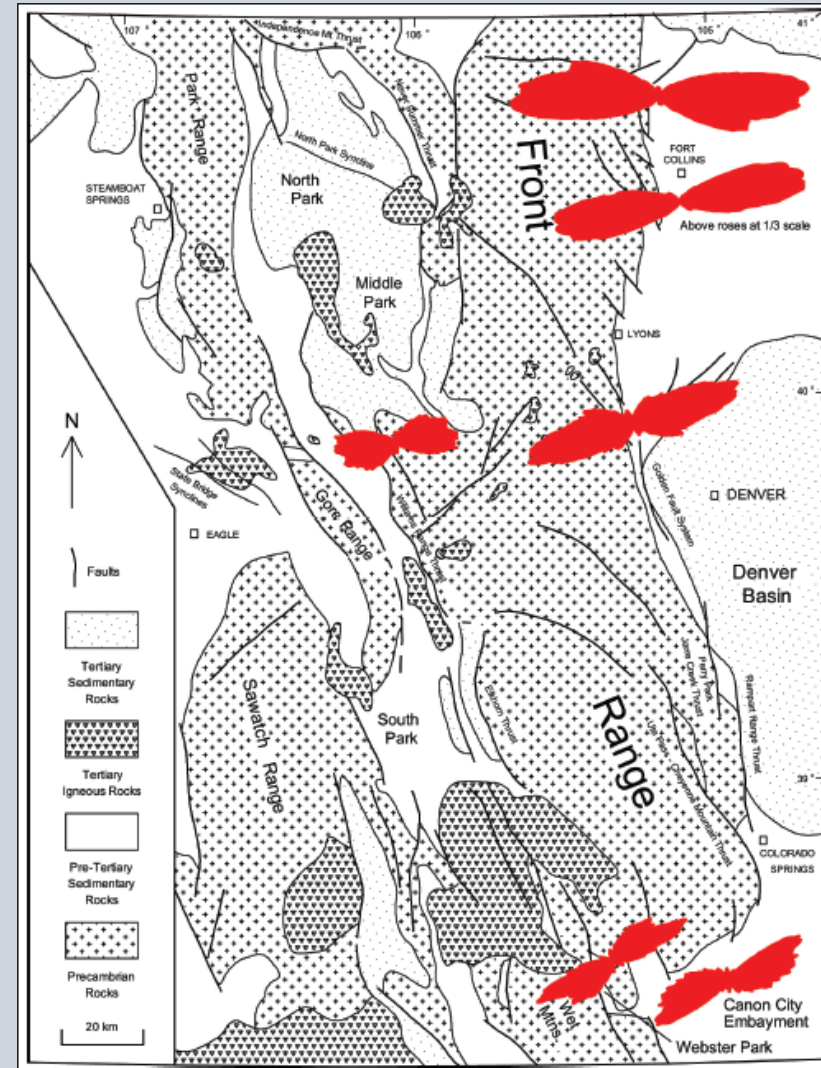


(Sonnenberg et al., 2016)

Maximum Horizontal Stress Orientation



(Snee and Zoback, 2022)



(Erslev and Larson, 2006)

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