

I. Structures

A. What are structures?

B. Primary and secondary structures

1. Primary structures
2. Secondary structures
 - a) Brittle structures: fractures
 - b) Ductile structures: flow

C. Scales of structure

1. Microscopic
2. Mesoscopic / Outcrop scale
3. Macroscopic / Map scale
 - a) Topographic and geologic maps
 - b) Map scales and representative fractions
 - c) Topographic profiles and cross sections
 - d) Vertical exaggeration

D. Levels of structural analysis

1. Descriptive/Geometric
2. Kinematic
3. Dynamic