## Sb-P017

## Room: Poster

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## Active Faults anad Folds Distributed in the Shinjo and the Yamagata Basins, Northeastern Japan

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Many active faults and folds without histrical record of earthquakes are densly distributed in the Shinjo

Basin and the Yamagata Basin, central Tohoku district. To clarify an active tectonic setting and structure

of these area, we investigated detail features of fault and fold morphorogy by interpretation of aerial photographs and contour maps based on Digital Map 25000 (Map Image) data. In the central portion of the Shinjo Basin, acitve folding with an east-dipping thursting have dominantly occured horizontal crustal shortening, in contrast with mainly west-dipping thrusting in the nortern and southern portions of the Shinjo basin.