

## Crustal deformation around Suruga Bay inferred from tide gage data

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Using tide gage data of five stations around Suruga Bay, we tried to detect crustal deformation during the long period. We calculated difference of daily tide level between each station and investigated average change of the relative level in one, two and three years. We also analyzed the data by using Baysea Procedure of Seasonal Adjustment. Following are the results.

1. Omaezaki and Yaizu have been subsided relative to Uchiura.
2. Tago as well has been subsided relative to Uchiura, but the subsidence is not so large.
3. Subsidence of Yaizu relative to Tago seems to have been slowed down recently.
4. Relative change of the level is not seen between Omaezaki and Tago for recent two years.
5. Neither of Omaezaki or Yaizu has been subsided relatively to each other in the long time period.