



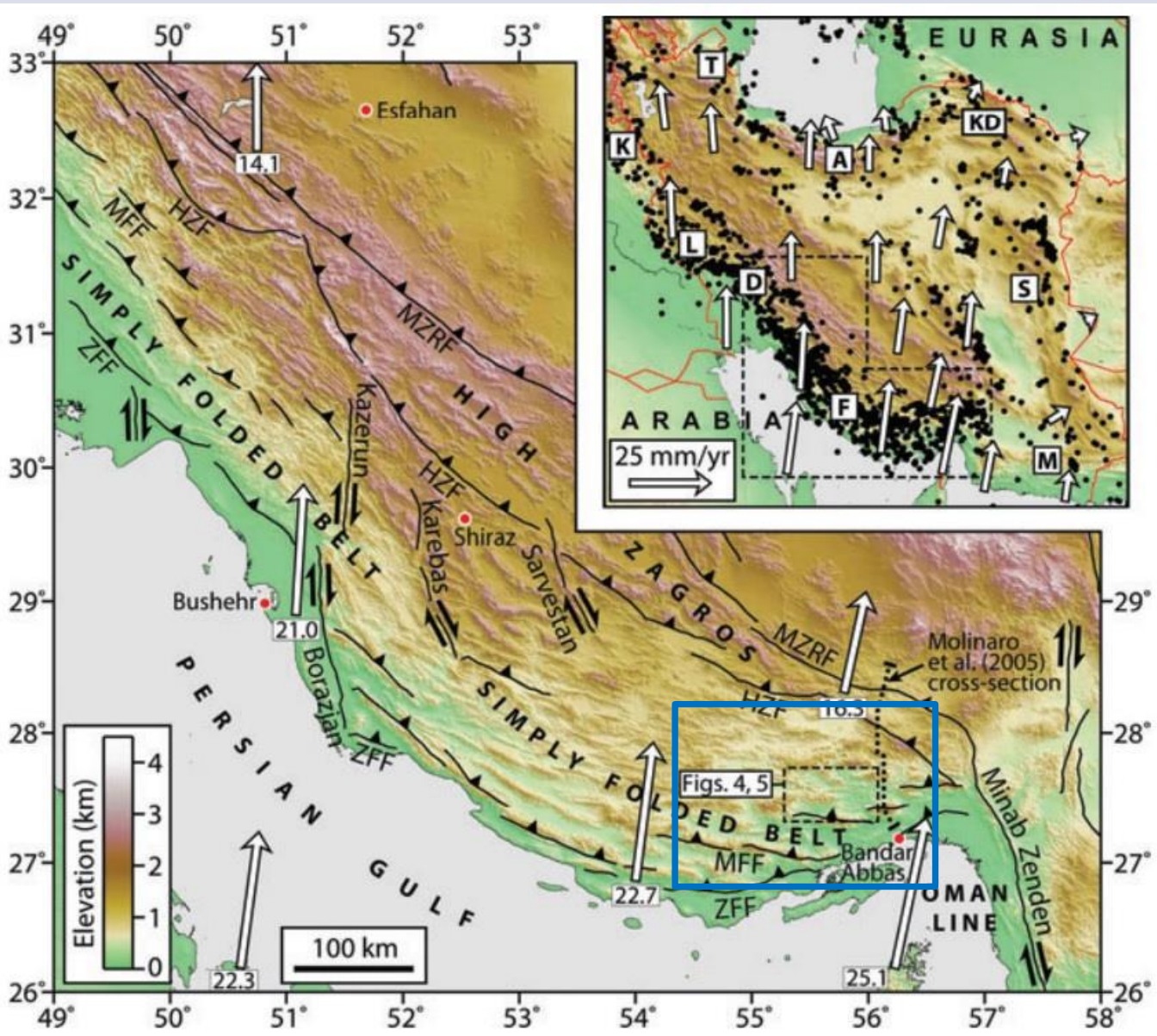
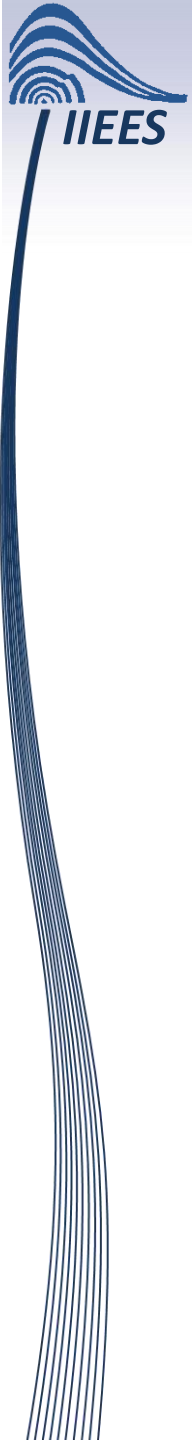
IIEES

بررسی جنبه های زلزله شناسی و تحلیل پسلرزه های زمین لرزه ۵ فروردین ۱۳۸۵ و ۲۳ آبان ۱۴۰۰ فین هرمزگان

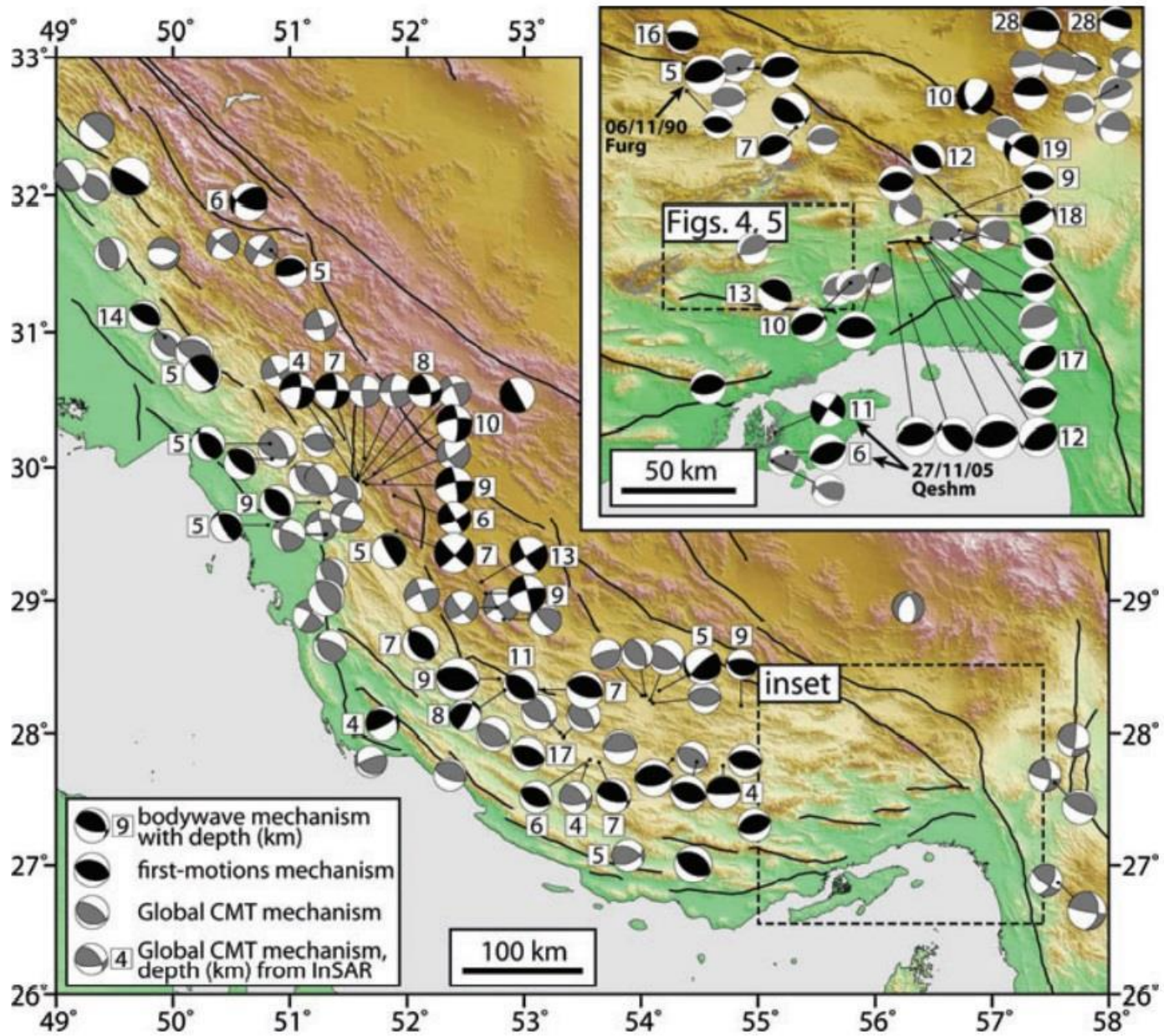
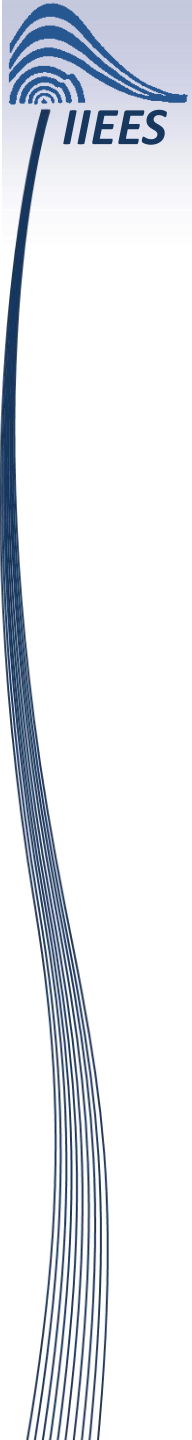
محمد تاتار

عضو هیئت علمی پژوهشکده زلزله شناسی

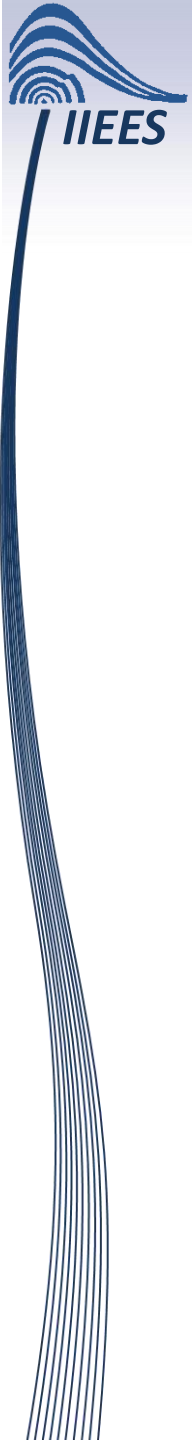
پژوهشگاه بین المللی زلزله شناسی و مهندسی زلزله



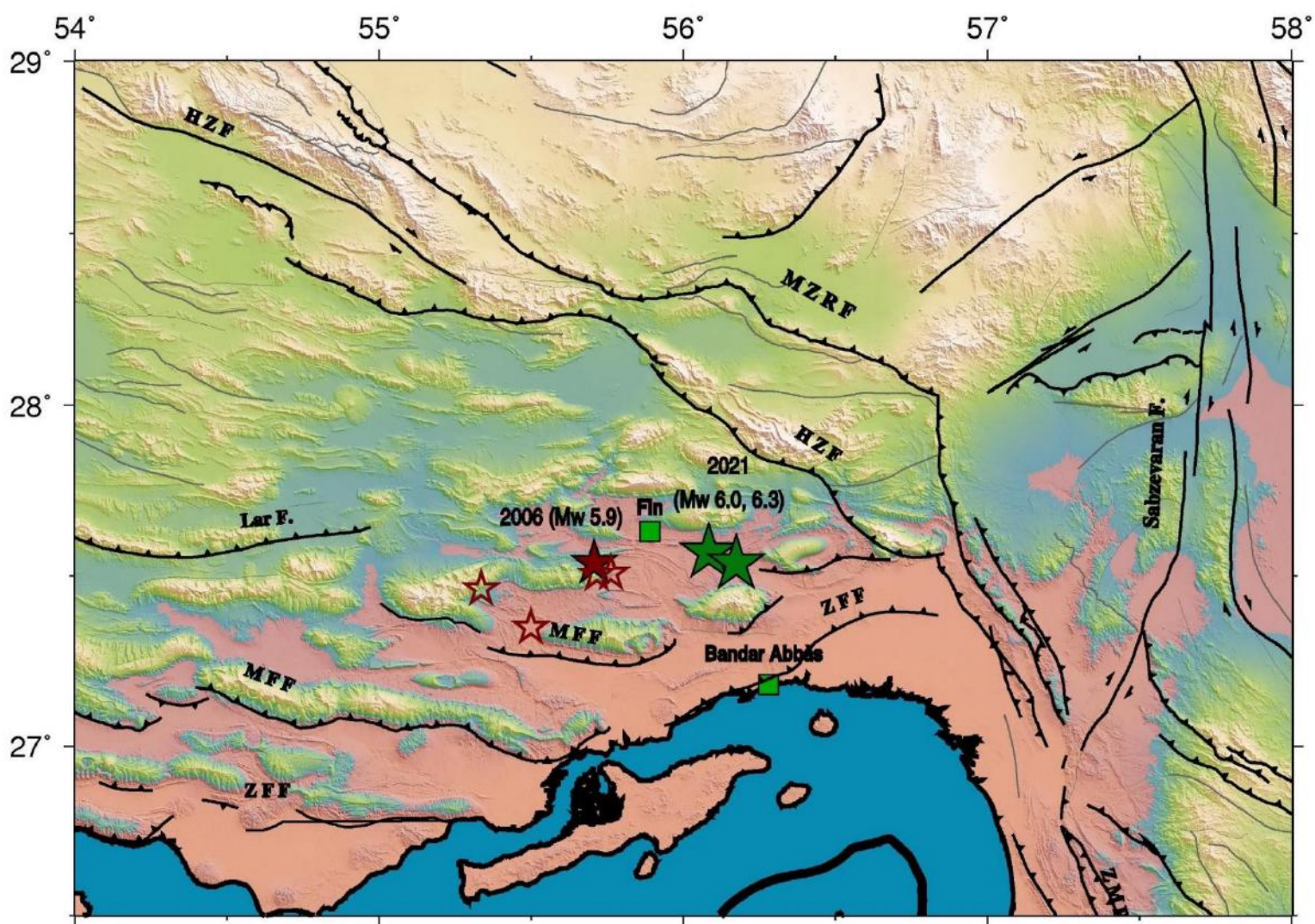
Roustaei et al., 2010

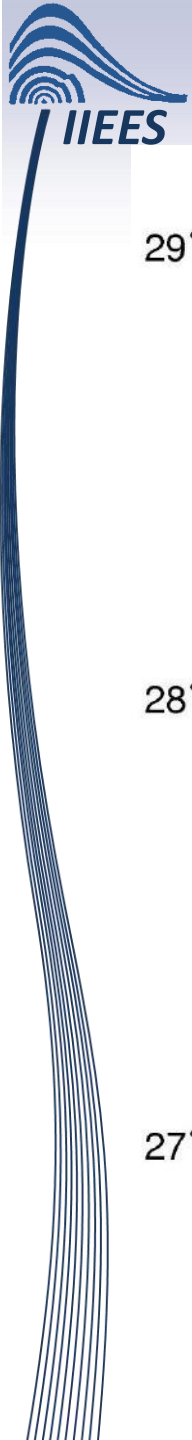


Roustaei et al., 2010

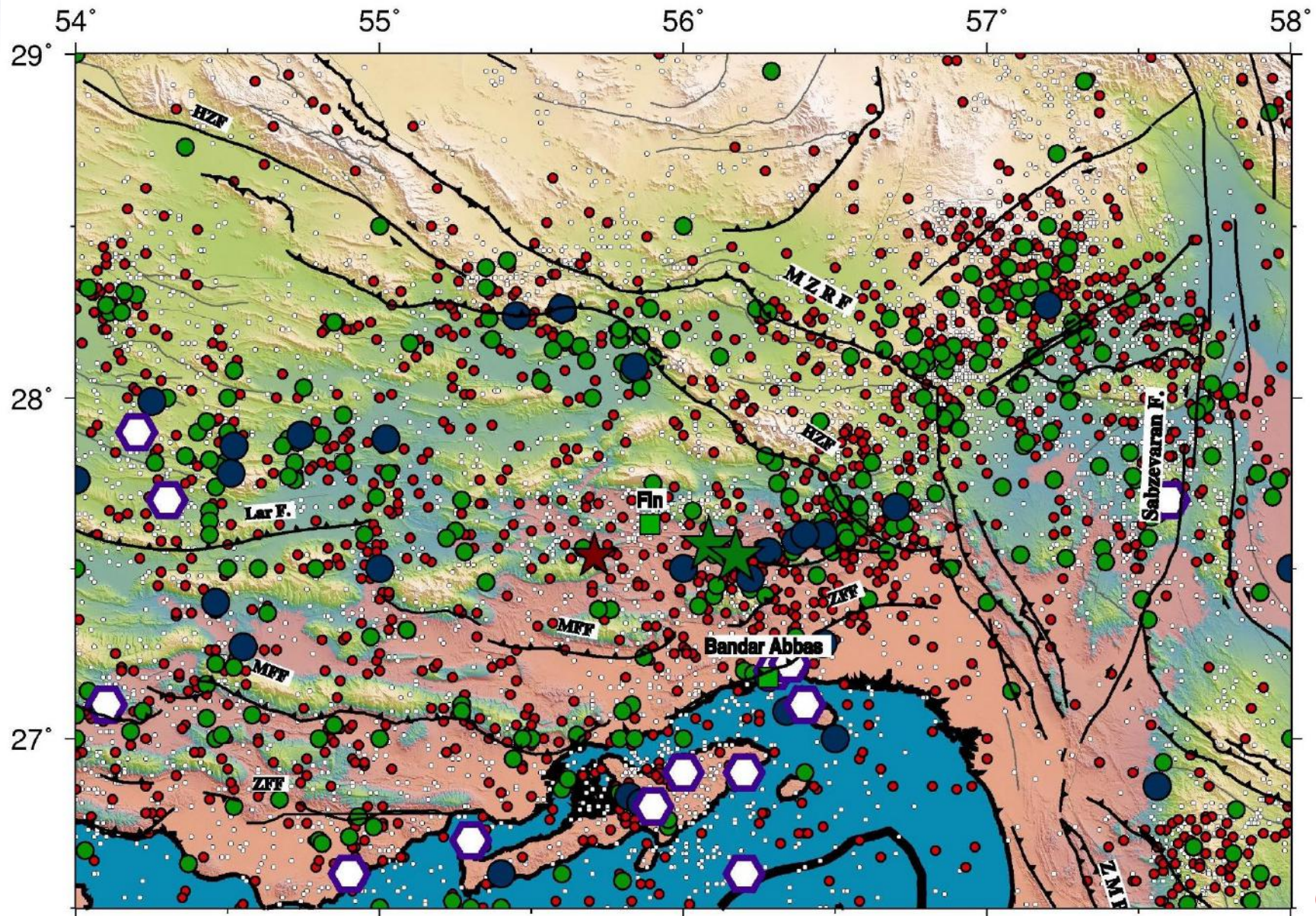


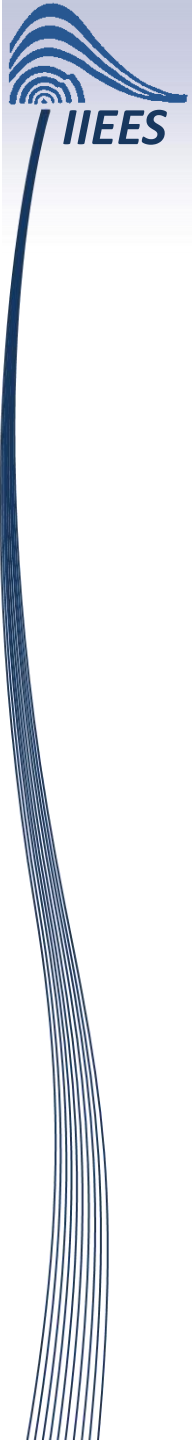
The 2006 March 25 (Mw 5.9) and the 2021 November 14 (Mw 6.0, 6.3) Fin (Hormuzgan) Earthquakes



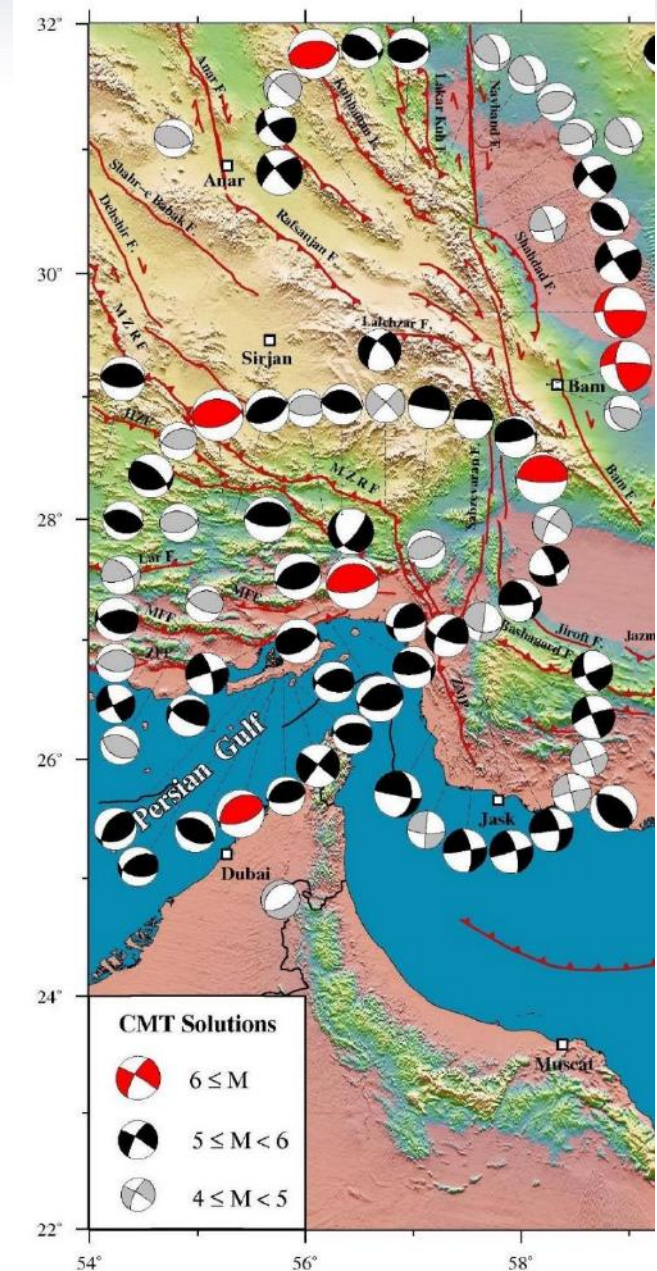
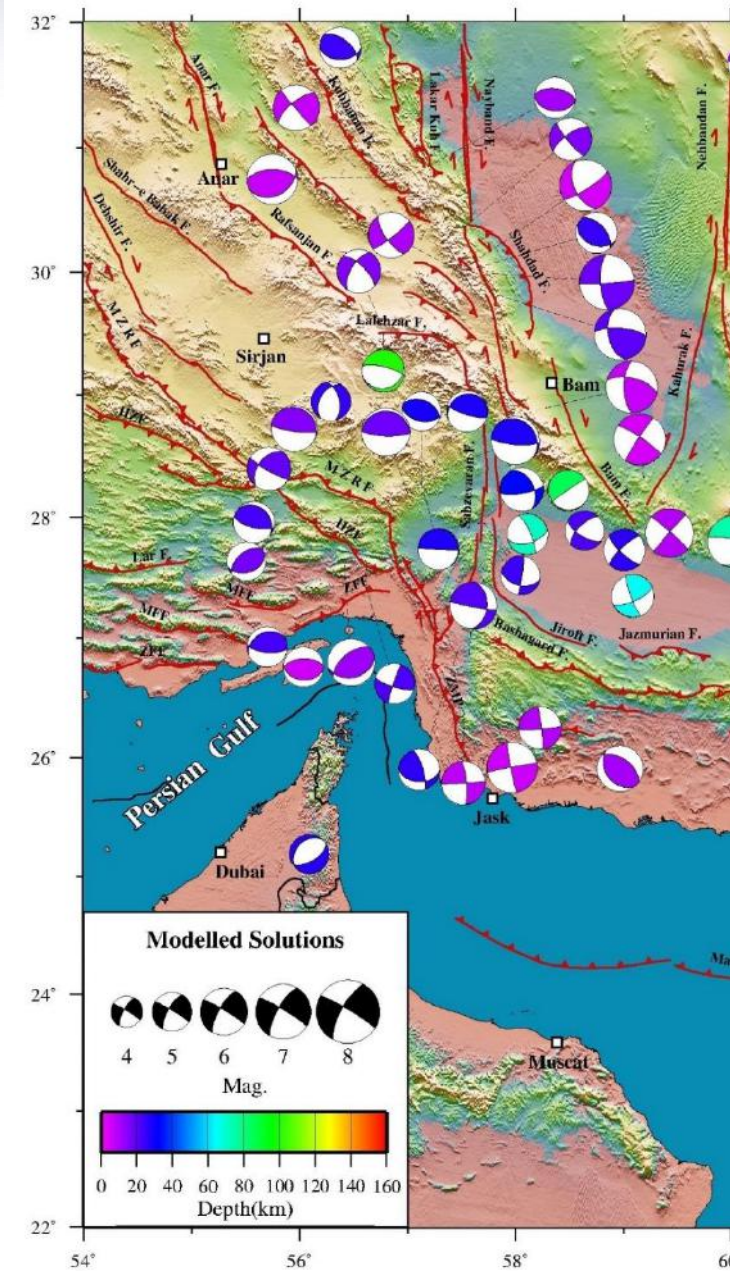


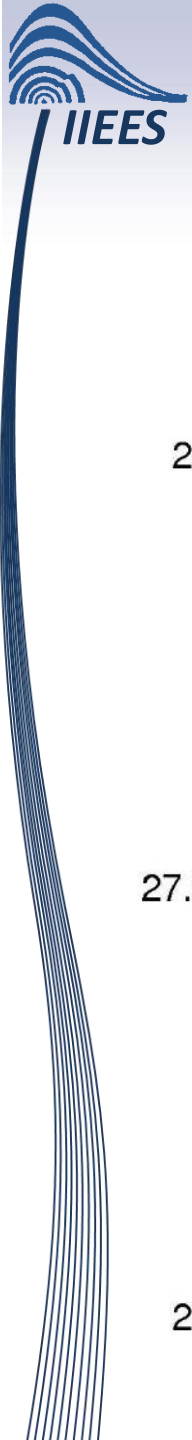
Historical and Instrumental Seismicity



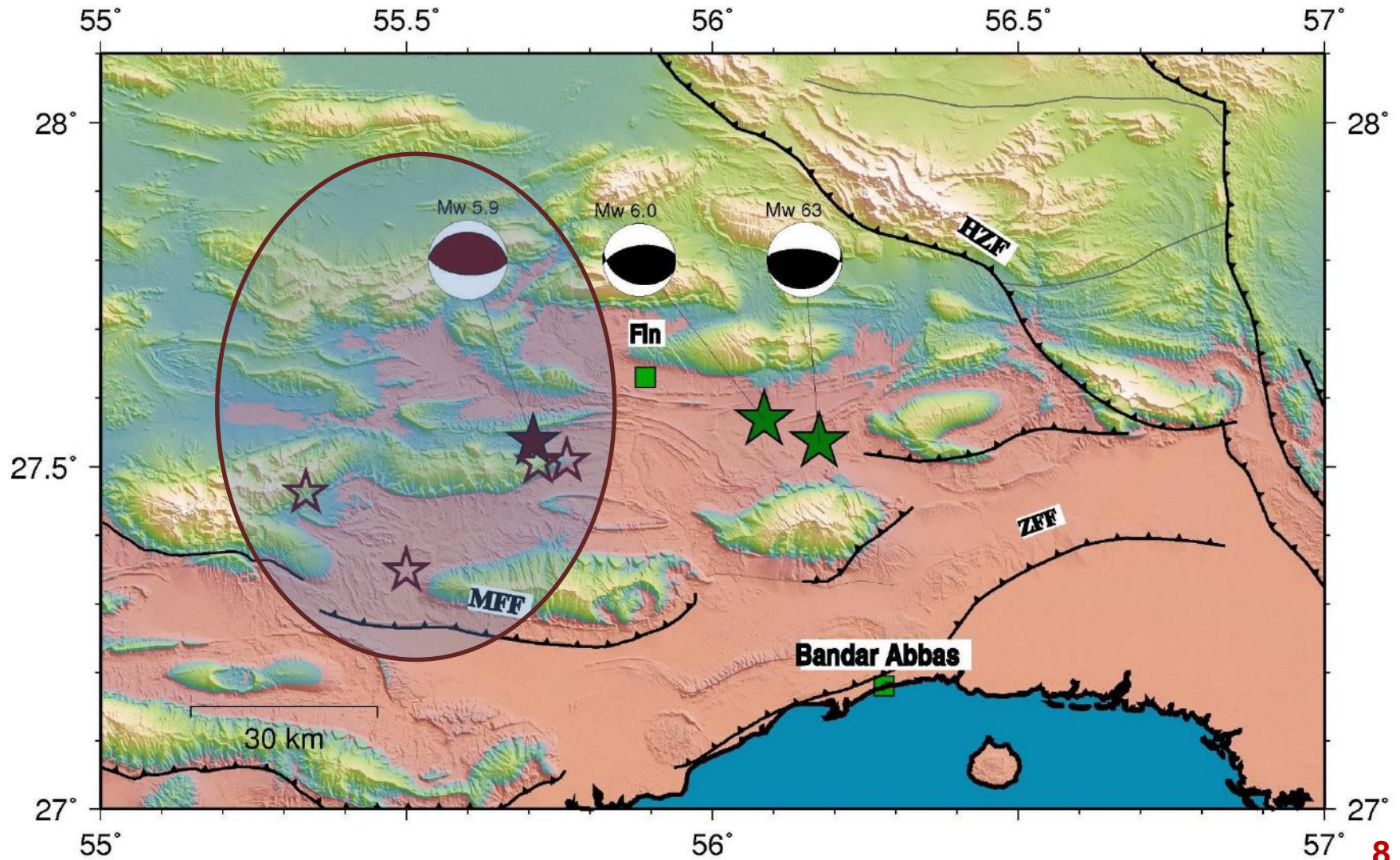


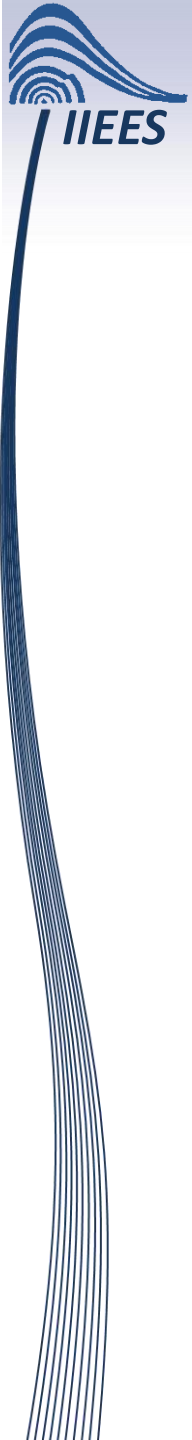
Focal Mechanism Solution



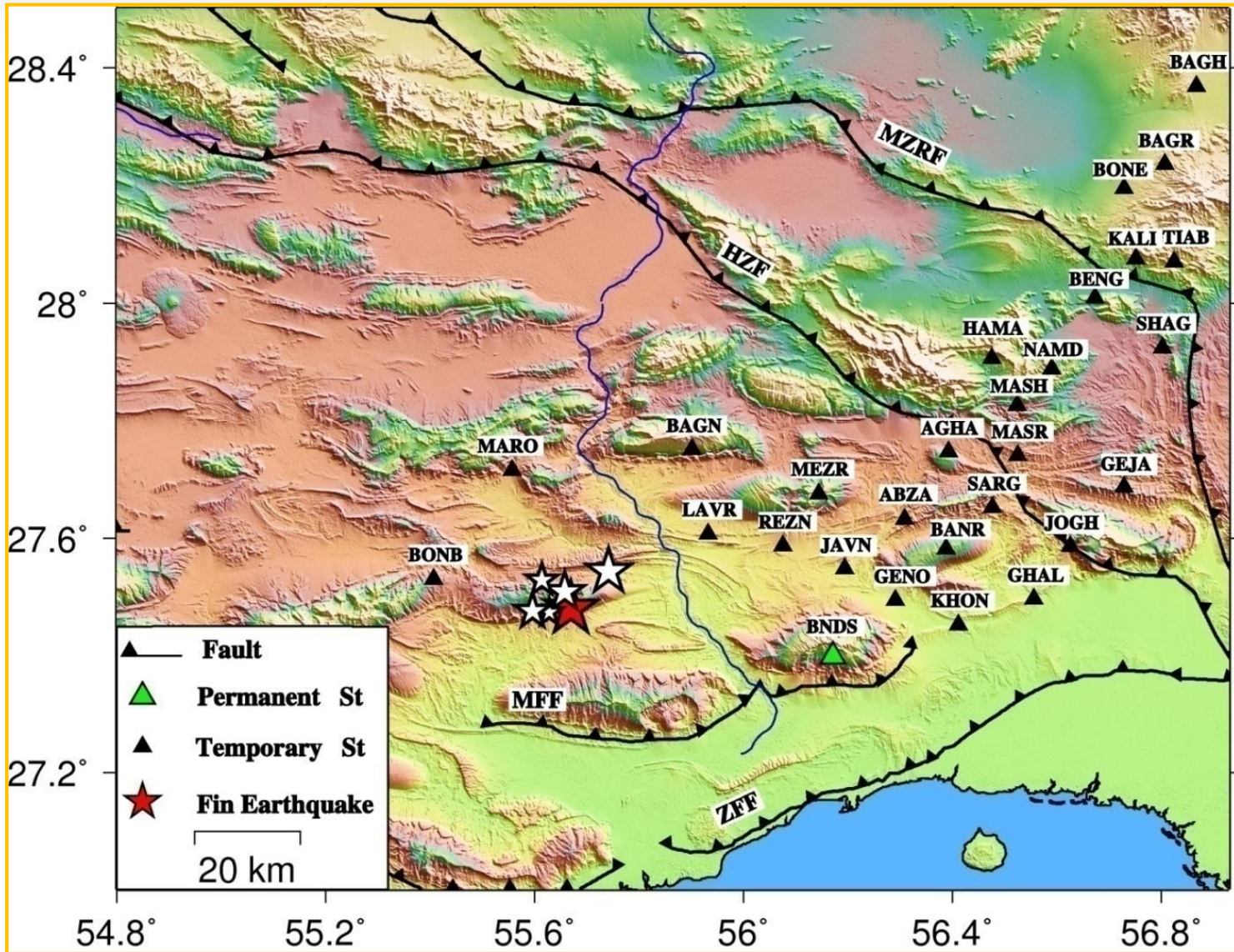


The 2006 March 25 (Mw 5.9) Fin Earthquake

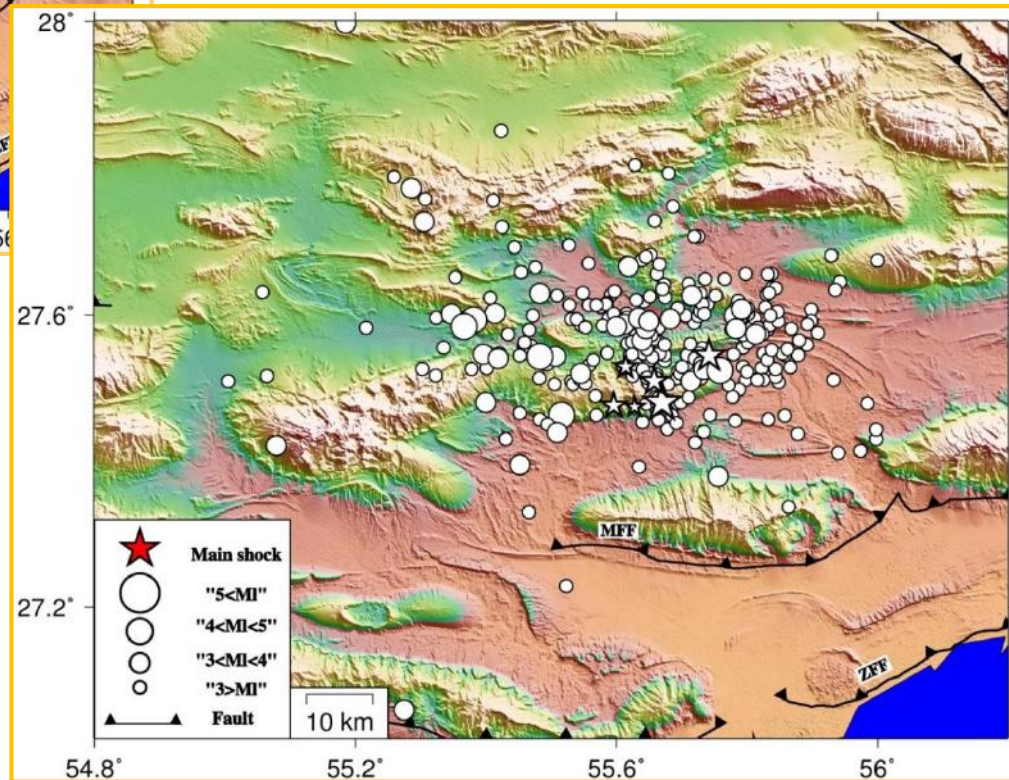
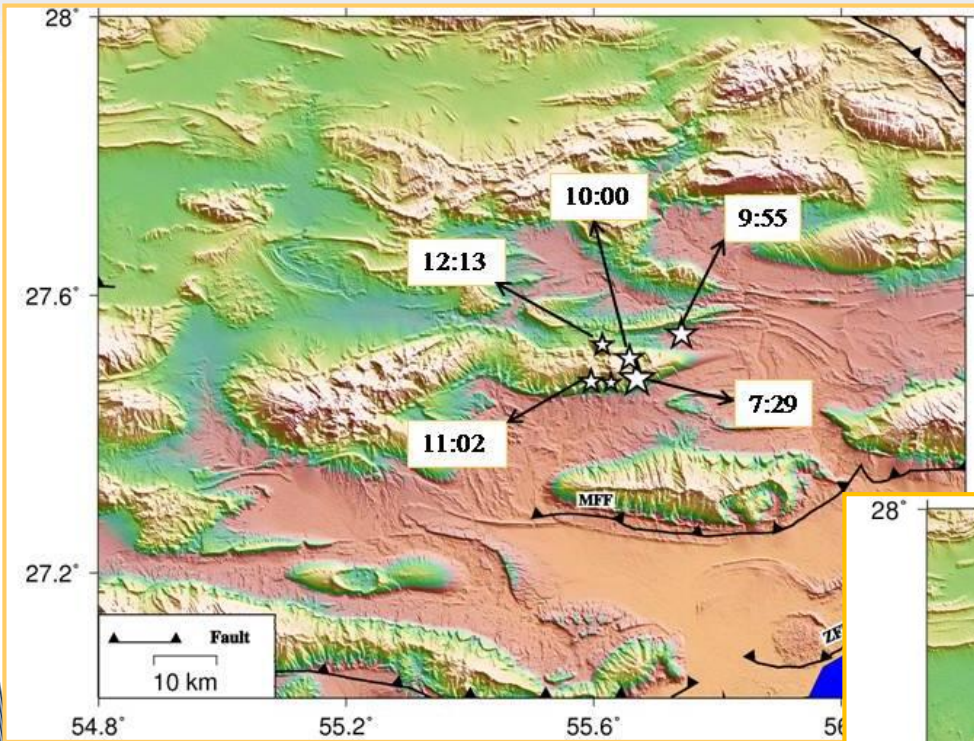




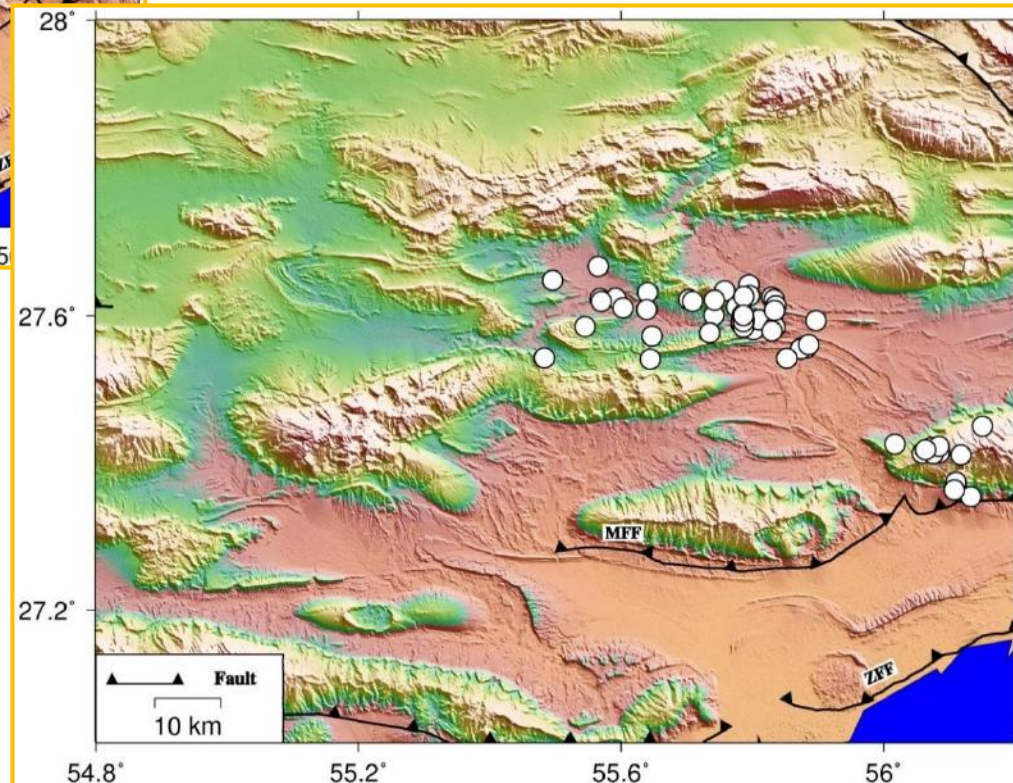
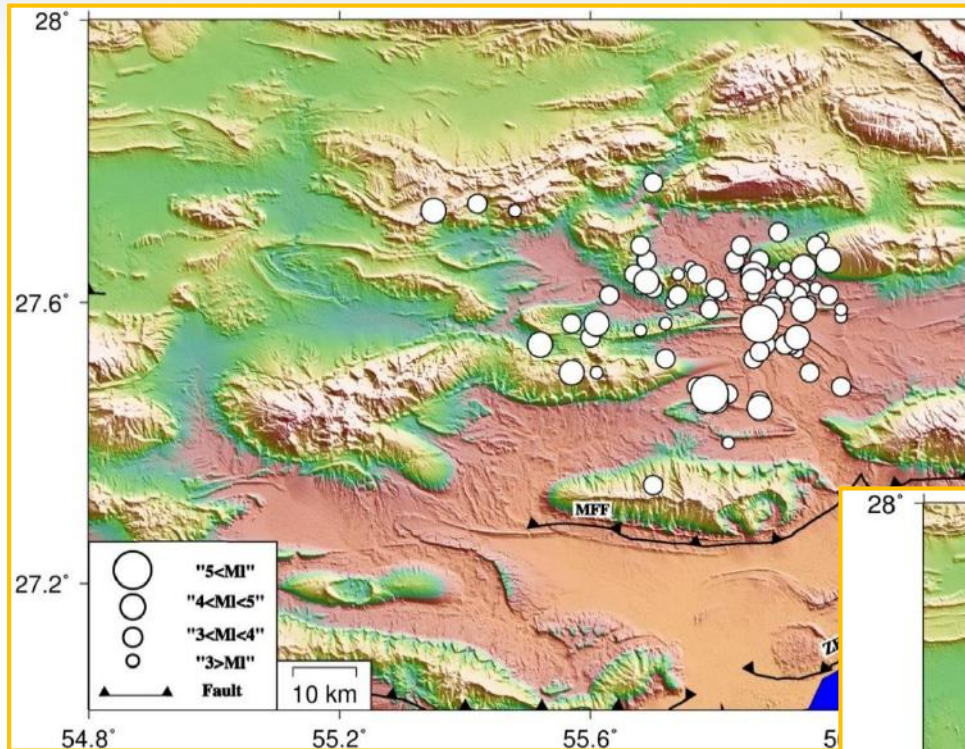
The 2006 March 25 Fin Earthquake (Mw 5.9)

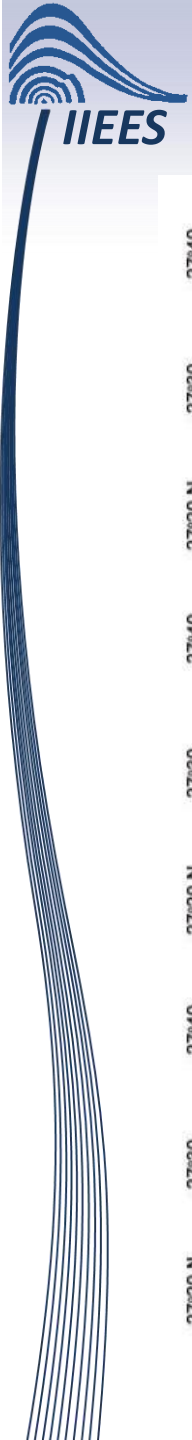


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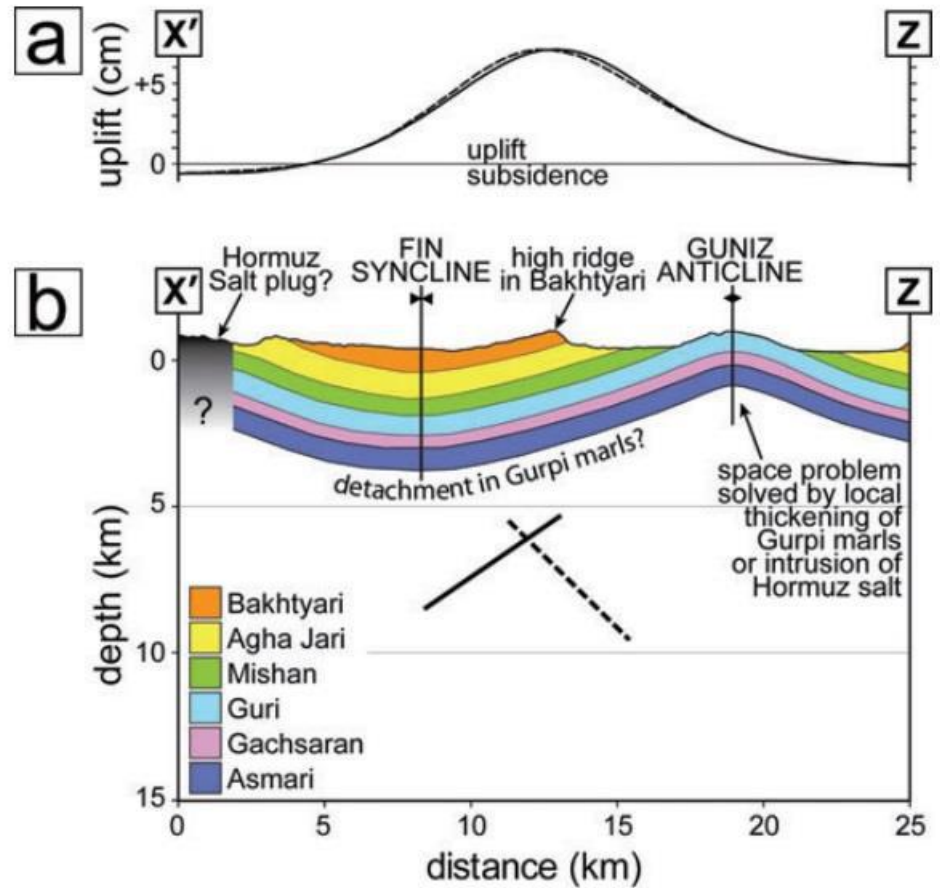
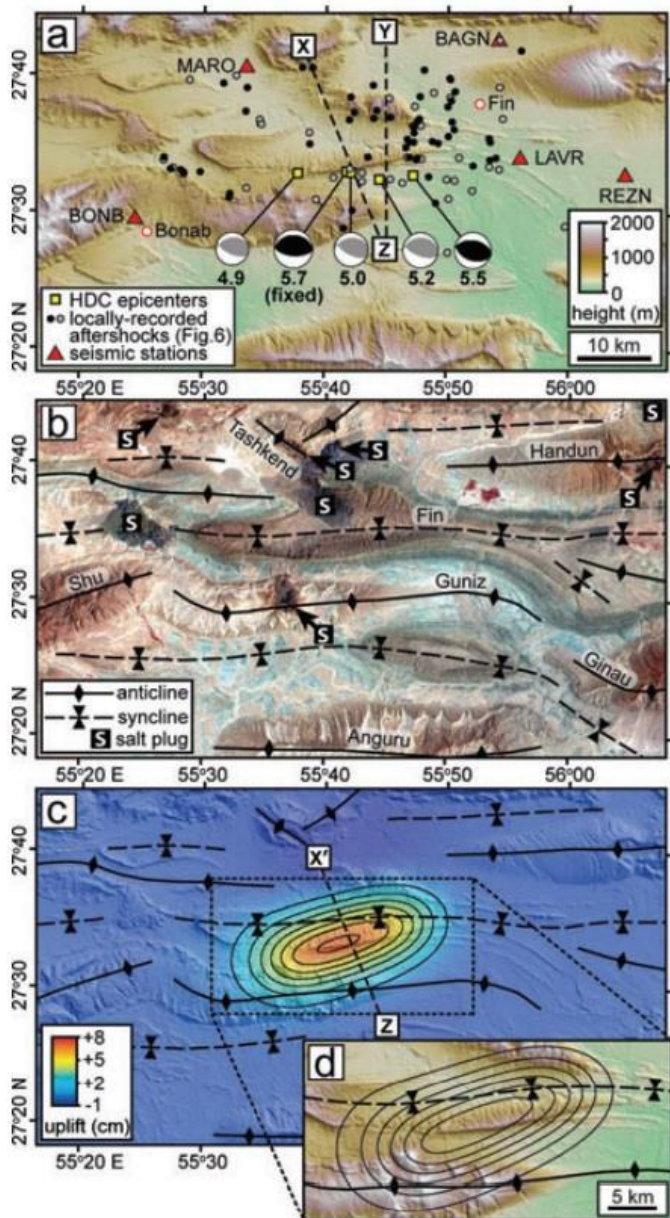


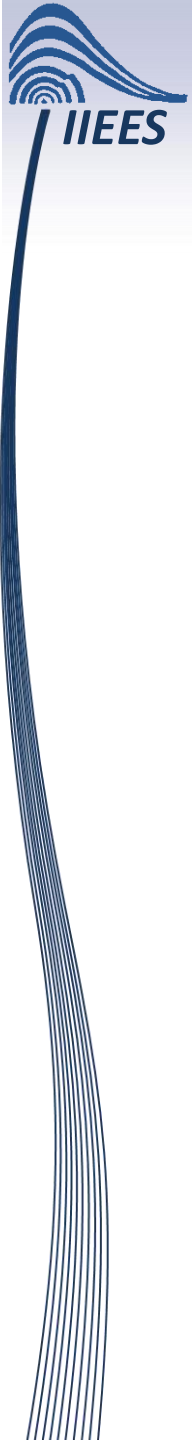
The 2006 March 25 Fin Earthquake (Mw 5.9)



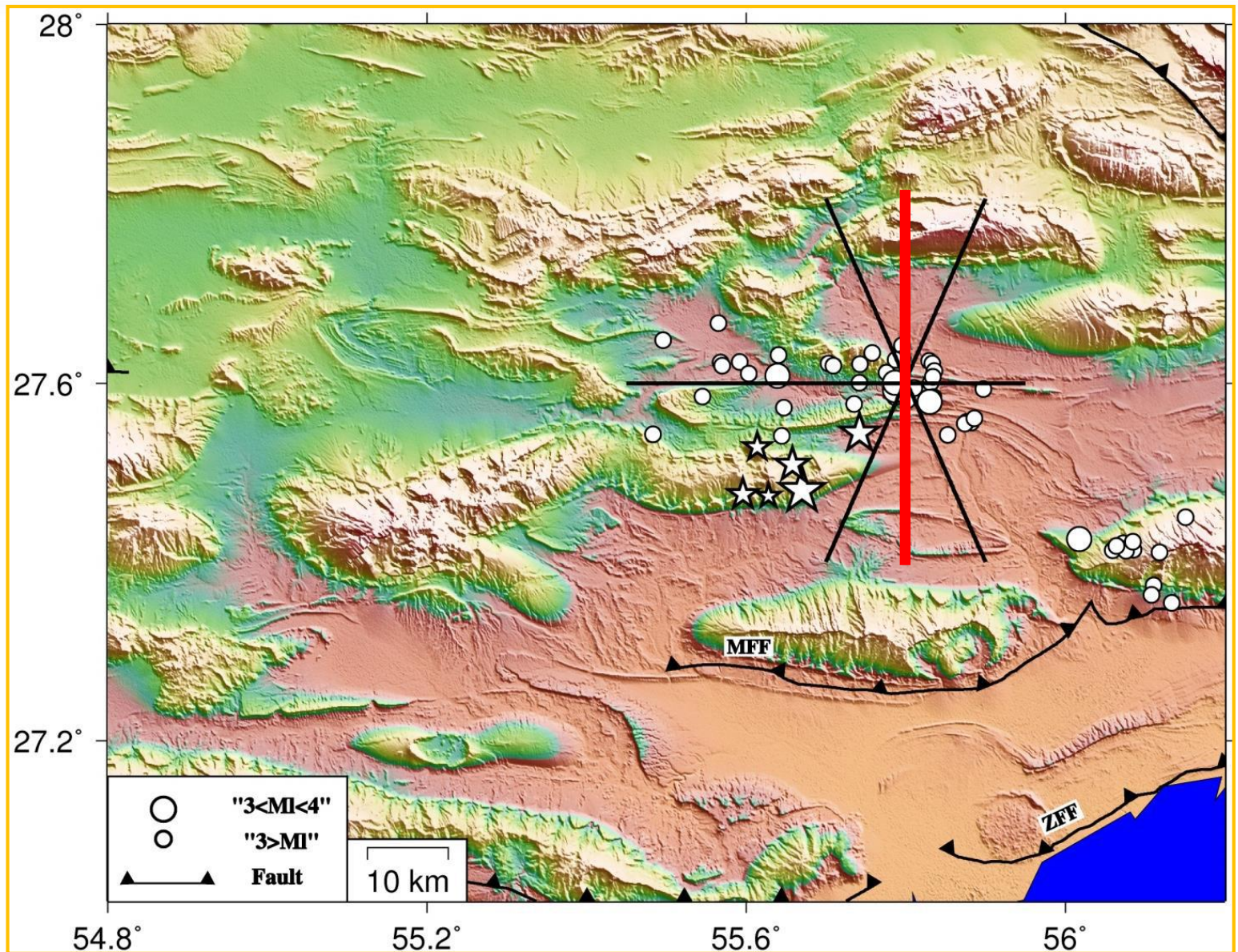


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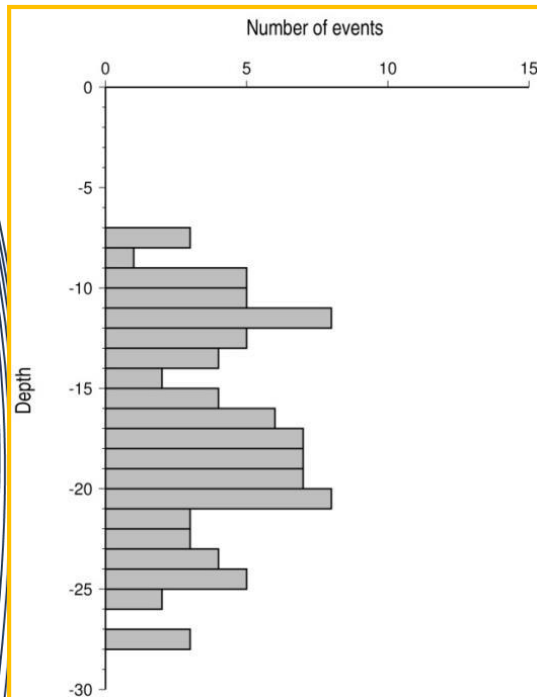
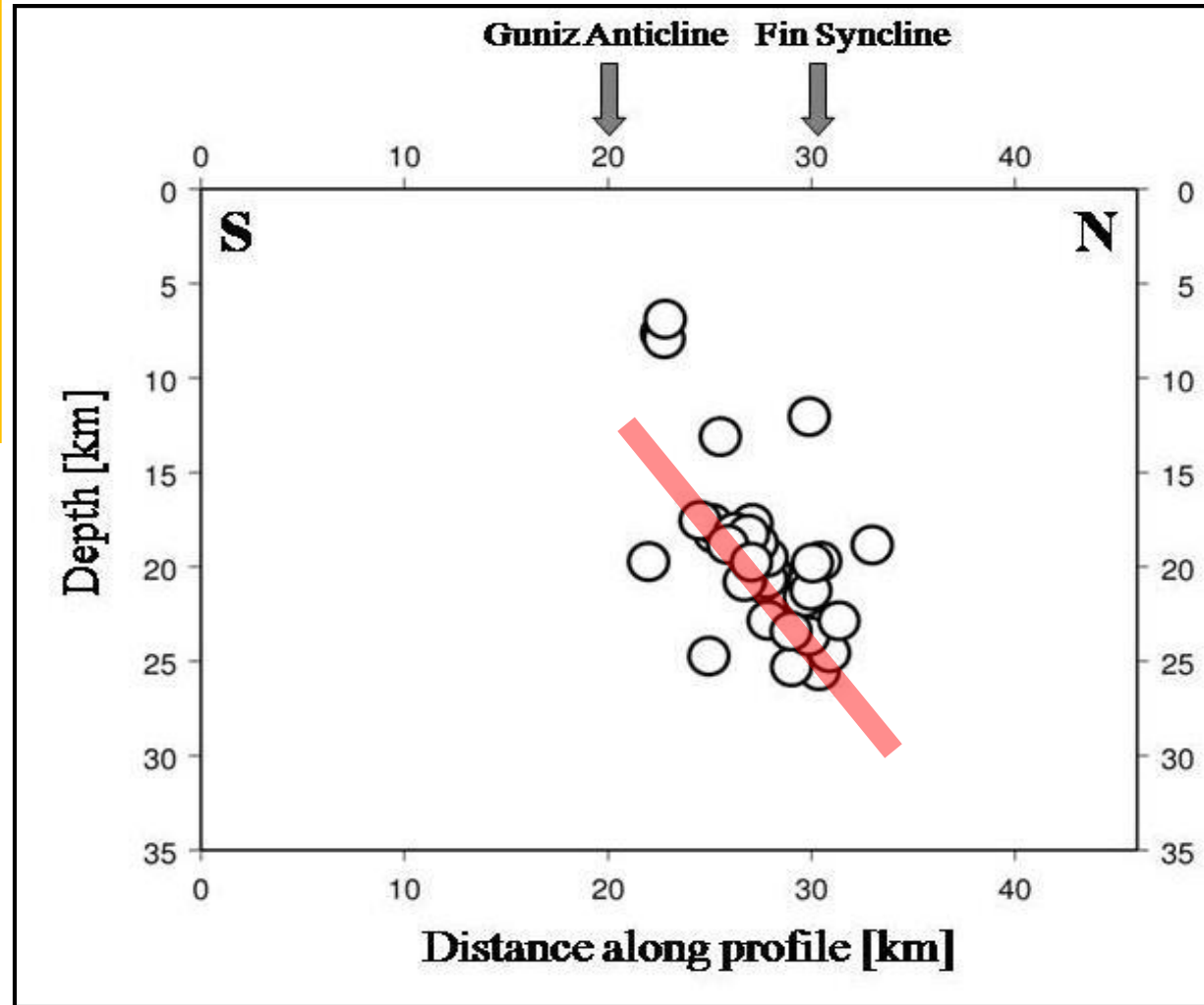
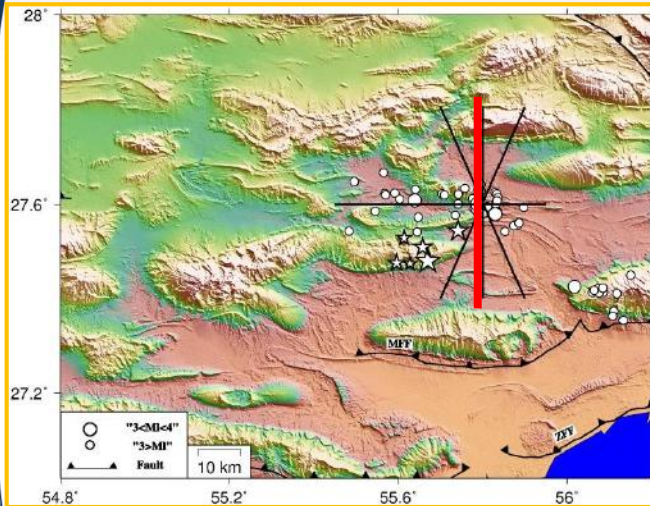


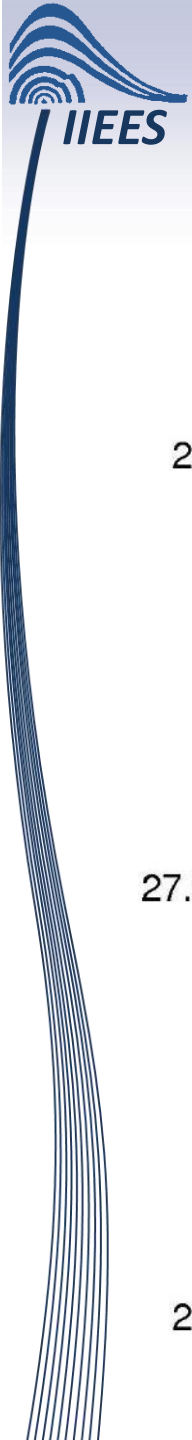


The 2006 March 25 Fin Earthquake (Mw 5.9)

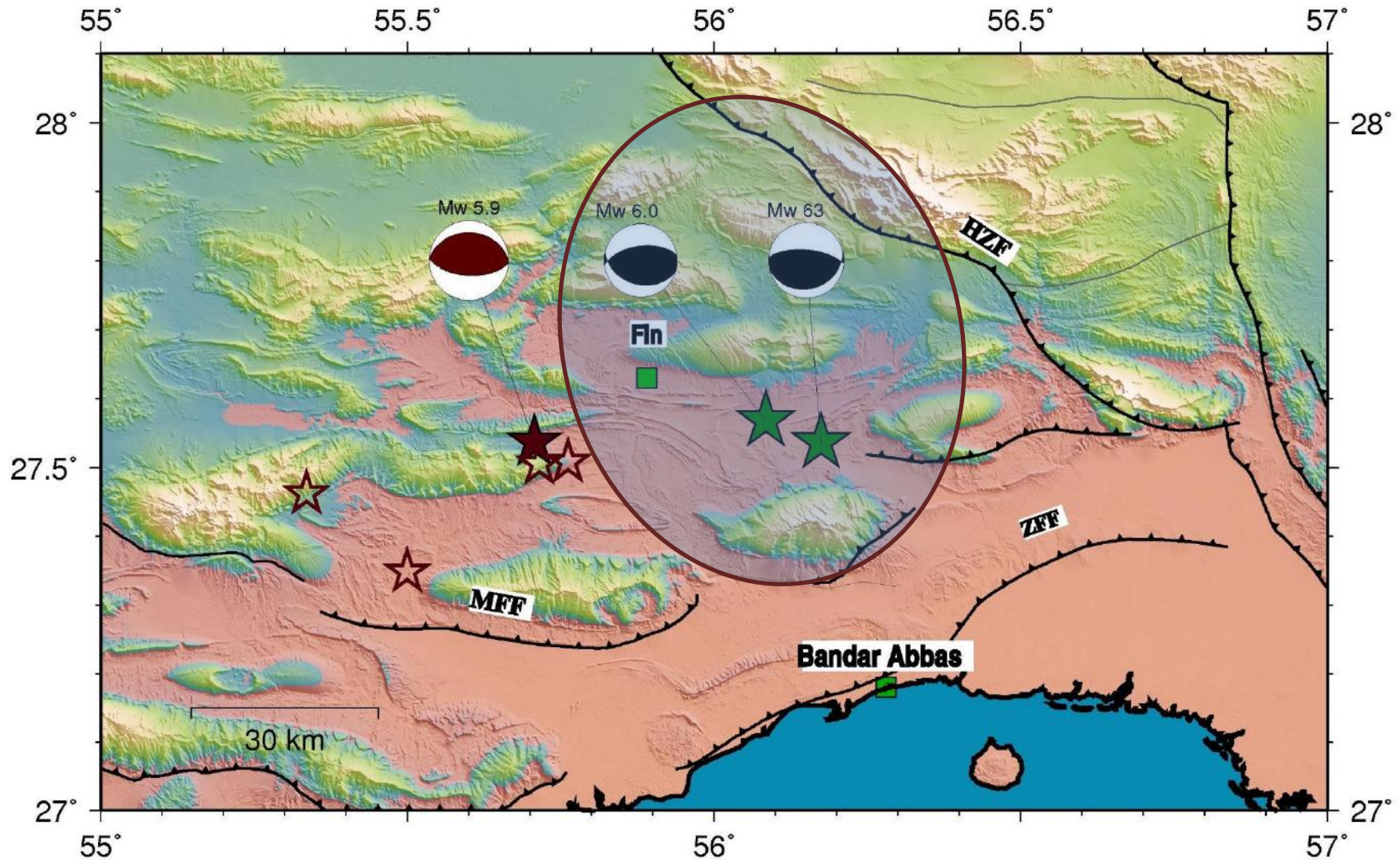


The 2006 March 25 Fin Earthquake (Mw 5.9)

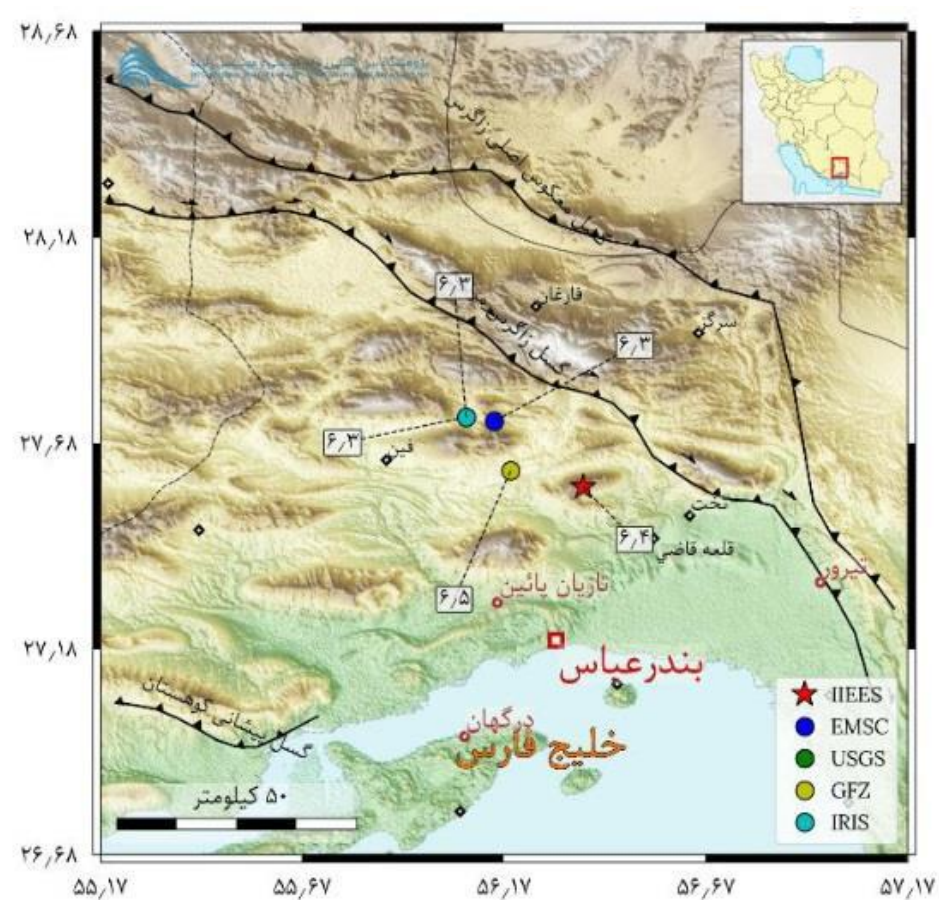
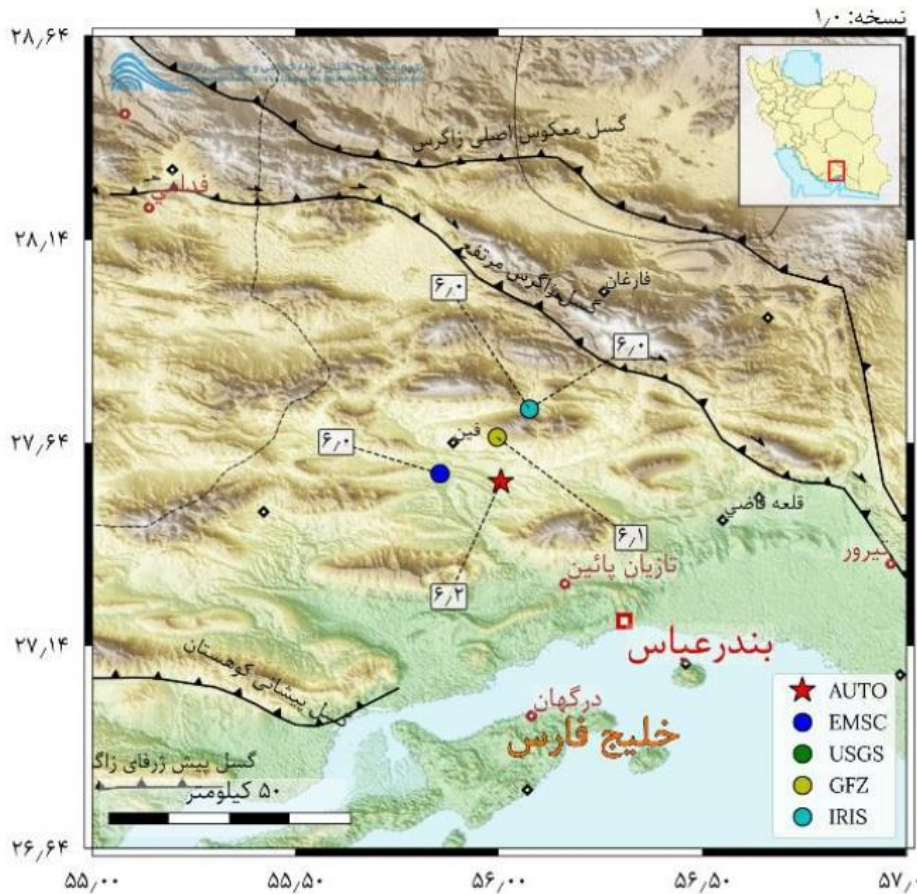


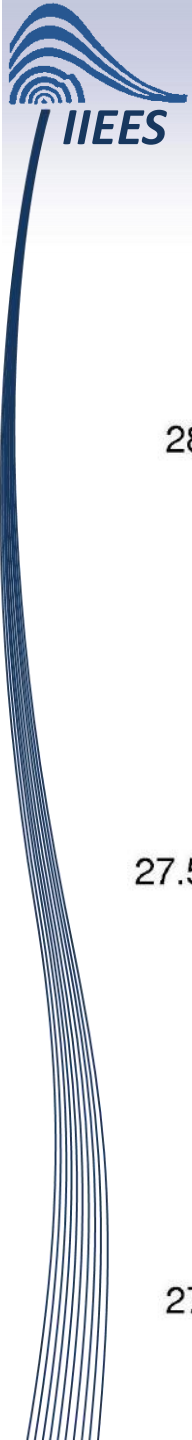


The 2021 November 14 Fin Doublet Earthquakes (Mw 6.0 & 6.3)

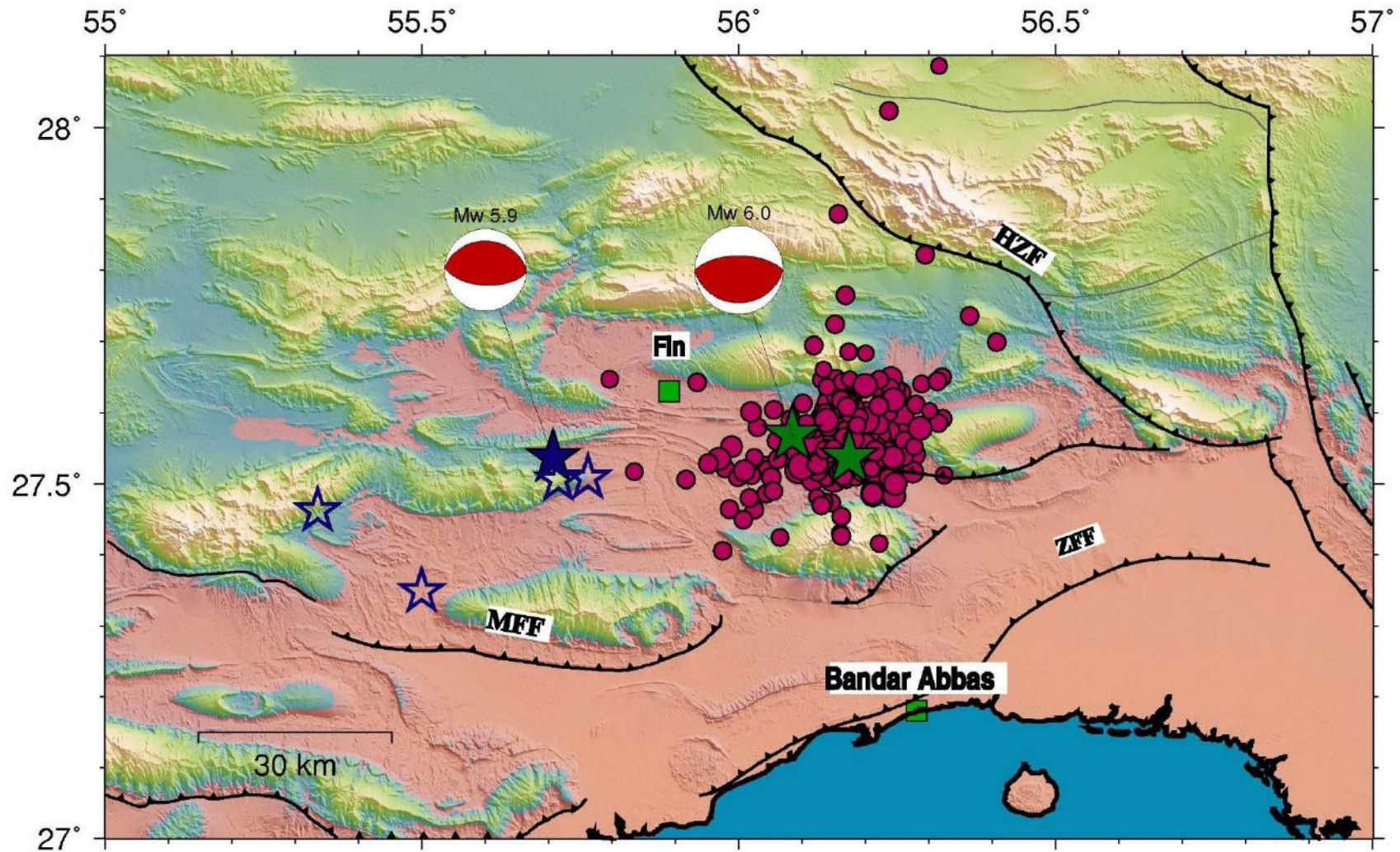


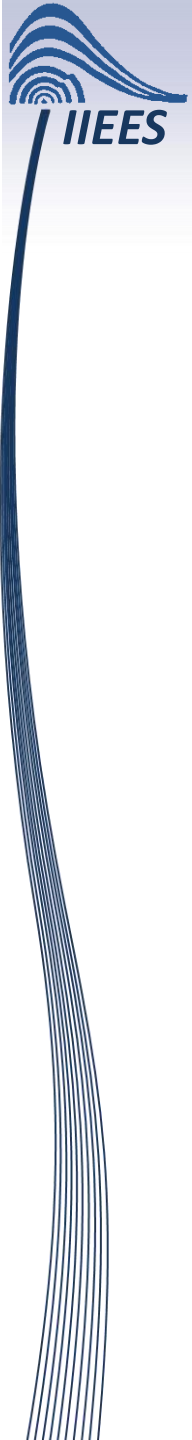
The 2021 November 14 Fin Doublet Earthquakes (Mw 6.0 & 6.3)



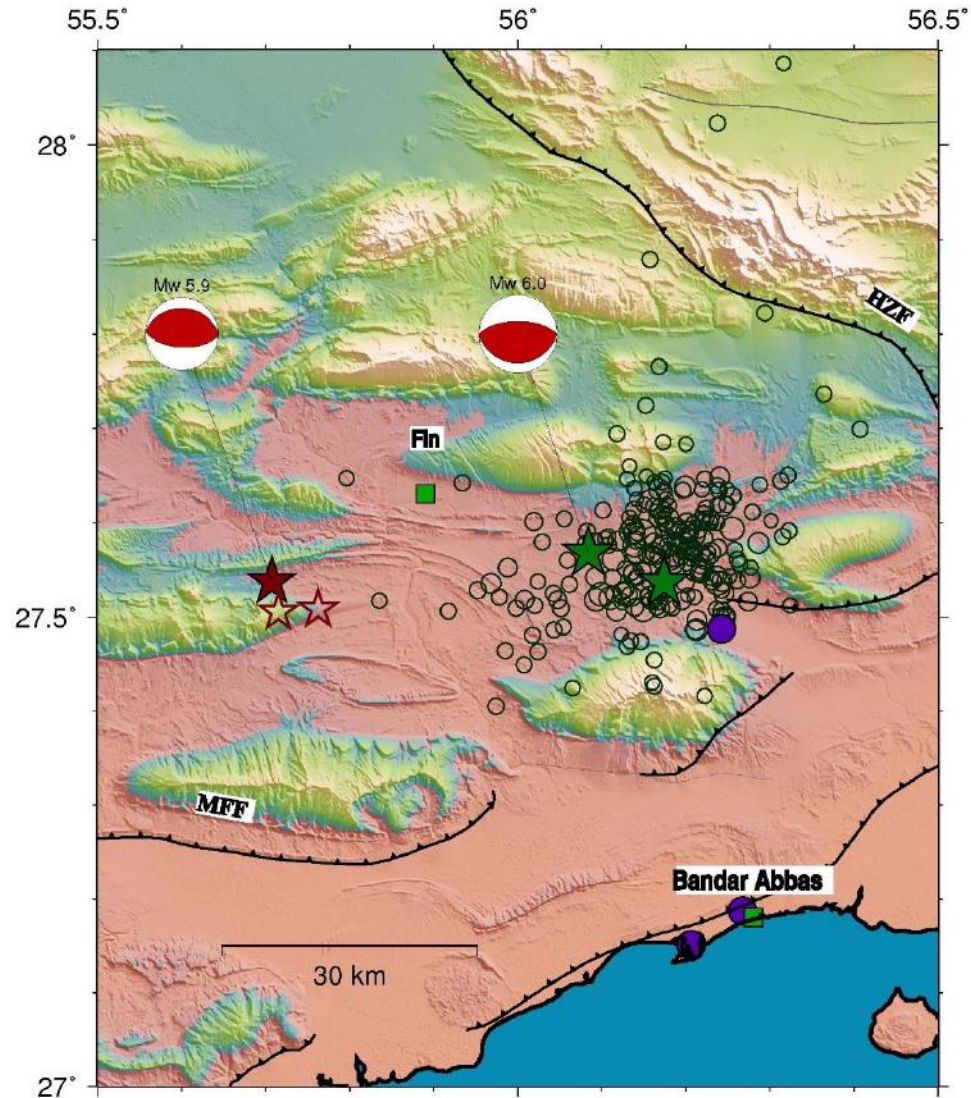


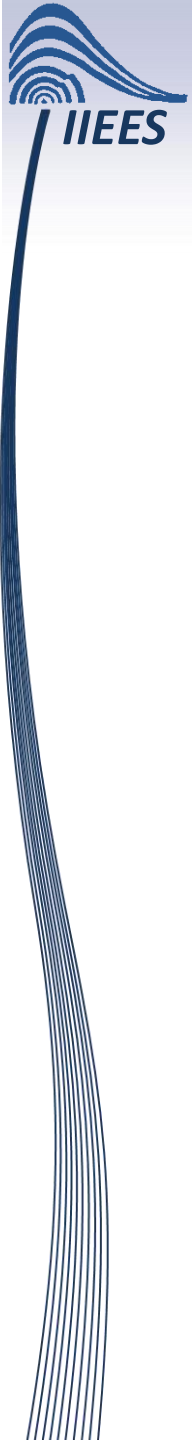
The 2021 November 14 Fin Doublet Earthquakes (Mw 6.0 & 6.3)



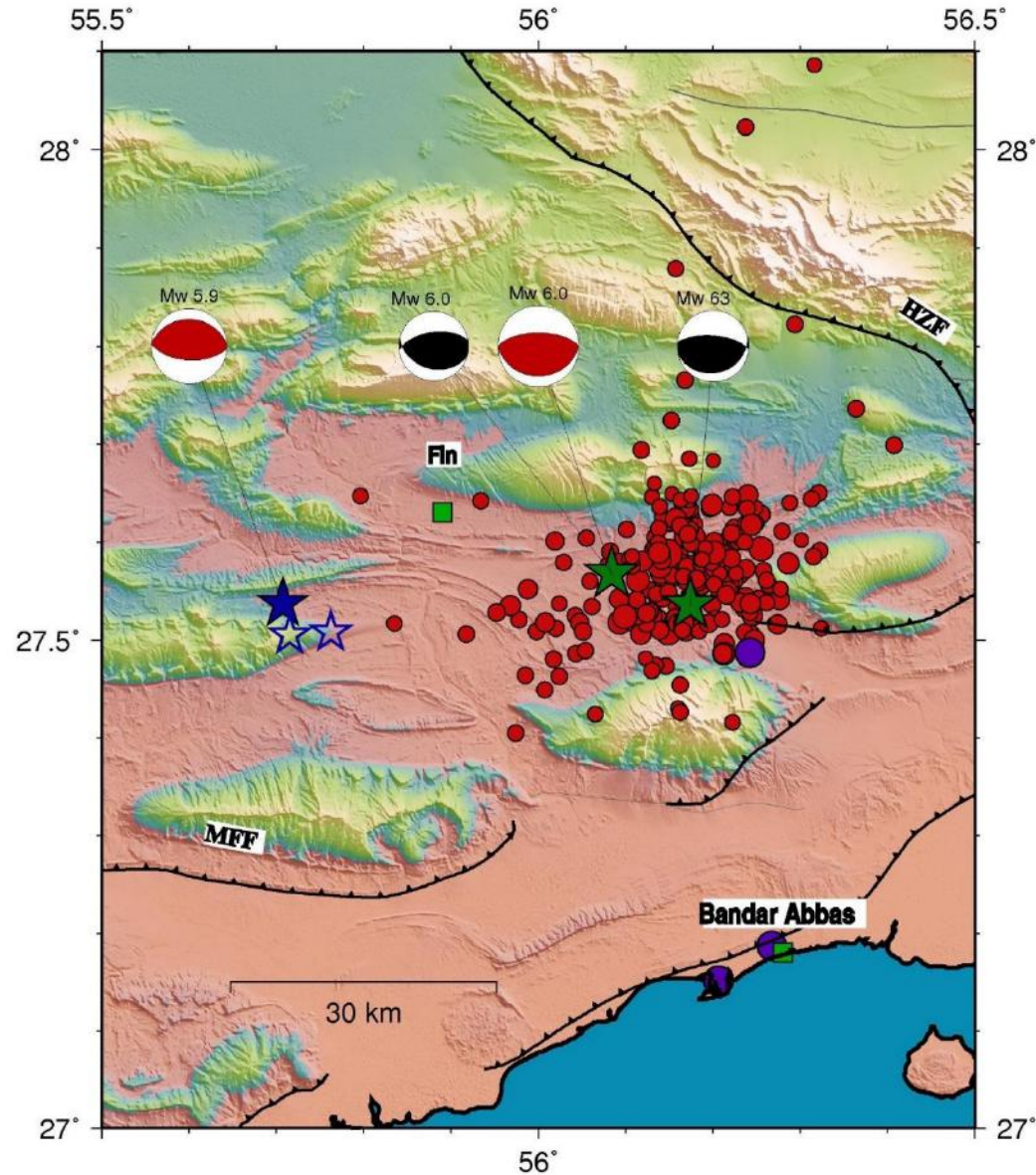


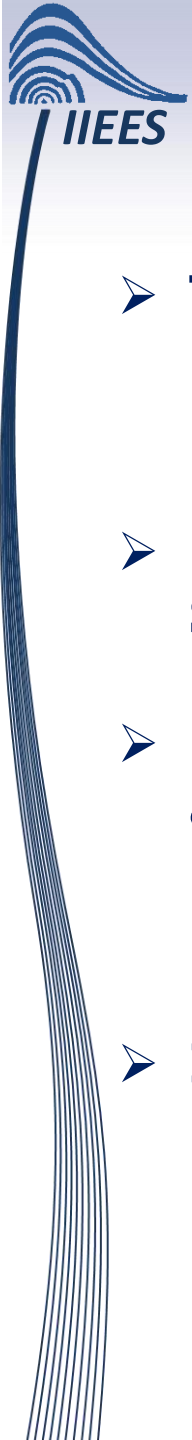
The 2021 November 14 Fin Doublet Earthquakes (Mw 6.0 & 6.3)





The 2021 November 14 Fin Doublet Earthquakes (Mw 6.0 & 6.3)





Conclusion Remarks

- **The 2006 March 2006 and the 2021 November 14 Fin Earthquakes have been occurred on E-W trending Reverse Faults**
- **Both earthquakes indicate on N-S shortening due to N- or S-dipping reverse faulting**
- **Both earthquakes have been followed by several large aftershocks, revealing that in this part of the Zagros Simple Fold Belt, the total accumulated energy can not be released in one step as one very strong earthquake.**
- **It's possible that both 2006 and 2021 earthquakes have been produced by different segment of one E-W trending reverse fault.**



Many Thanks for your attention