

## The 5<sup>th</sup> International Conference

# «TRIGGER EFFECTS IN GEOSYSTEMS»

June 4-7, 2019, Moscow, Russia

### Organizers

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Dr. Sci. (phys. – math.), prof.    PhD (tech.)

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**Turuntaev S.B.**  
Dr. Sci. (phys. – math.)

### Important Dates

Registration deadline on <a href="http://conf2019.idg.ras.ru">conf2019.idg.ras.ru</a>	15 January, 2019
Abstract submission deadline	15 February, 2019
Acceptance (non-acceptance) notification deadline	25 February, 2019

### Key Topics

- Exogenous **triggering of deformation processes** in the Earth's crust. **Monitoring and forecasting** of trigger effects. Trigger effects in geology.
- Structure and **properties of fault zones**. Different regimes of fault slip. Links to seismicity.
- **Mine safety**. Deformation processes during mining. Technogenic tectonic **earthquakes**. Mine **seismicity**. Stability of engineering structures.
- Seismicity during mining and hydrocarbon production. **Geomechanics and fluid dynamics** of rock mass.
- Geophysical fields: variations and **interaction**.
- **Active impacts on the Earth's ionosphere and magnetosphere** - experimental results, numerical and theoretical models.
- Global current circuit, atmospheric electrical and optical processes, **non-equilibrium plasma chemistry** of atmospheric phenomena.
- **Experimental data** and theoretical models of the response of the ionosphere to **catastrophic natural events** (fall of cosmic bodies, earthquakes, tsunamis, volcanic eruptions, powerful cyclones).

Registration fee: regular participant – **3000 RUB**, student - **FREE**

Conference proceedings indexed in WoS / Scopus is proposed to publish after the conference.



Registration, Updates and Questions  
Please go to our official website:  
[conf2019.idg.ras.ru](http://conf2019.idg.ras.ru)

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