



Newsletter *(bimonthly)*

February 2019

The 12th Issue



天津大学
Tianjin University

表层地球系统科学研究院
Institute of Surface-Earth System Science

NEW Initiatives

Professors' Committee

The Professors' Committee acts as an advisory body for the dean and associate deans, and ensures that the voice of the academic science is heard on essential issues related to the values of the institute.

The first committee meeting was held on Jan. 26, 2019, when *The Charter of the Professors' Committee of Institute of Surface-Earth System Science* was reviewed and adopted.

Discipline Development Group

Group Leader: LIU Congqiang

Members: CHEN Jiubin, CHEN Xi, FU Pingqing, LIU Jing, LI Siliang, LANG Yunchao, HUI Henry TENG and XU Sheng

“Friday Seminar Series” was launched on Jan. 4, 2019, which 3 sessions included:

- **Brainstorming:** Free discussions on innovative and interesting academic ideas, experiment methods and research progress.
- **Public Speaking:** Providing all the PhD students a practice opportunity to conduct a public speaking. The audience are expected to give suggestions to the presenter about how his/her presentation could be improved.
- **Success Secrets:** Sharing the secrets on literature reading, precise experiments, administrative management etc..

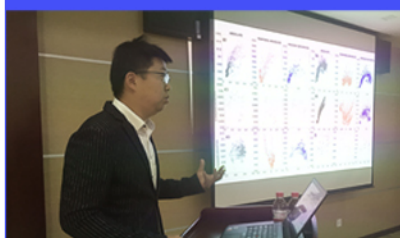
Ideas boost Science.

-- A/Prof. SUN Ruoyu,
HU Wei



Modeling the local control effects on temporal anomaly of surface soil moisture at the Chinese Loess Plateau.

--Doctor FU Zihuan



How to obtain precise experimental data safely.

--Prof. ZHENG Wang



NEW People

ZHENG Wang, Professor

- Metal stable isotope geochemistry, including the mechanism, application and environmental impacts of metal stable isotope fractionation, and the biogeochemical cycle of metals.

HAN Xingxing, Lecturer

- Remote sensing of environment, wetland remote sensing and ocean color remote sensing.

WANG Xin, Professor

- Physical, chemical and optical properties of light-absorbing particles (e.g. BC, OC, and Mineral dust) in snow, the spatial and temporal variations of dust events and the transport of air pollution over northern China.

SUN Fusheng, Lecturer

- Binding mechanisms of iron-containing active minerals on soil carbon and the characterization of in situ binding mechanism of heavy metals in soil.

GUAN Dongxing, Associate Professor

- Solute transport and biogeochemistry in water-soil-biota continuum; molecular mechanisms of metal sequestration and remobilization on/from phosphate minerals and bioavailability characteristics and ecological remediation of typical contaminants in coastal wetlands.

MA Chao, Technical Staff

- Operation, maintenance and development of Ultra-high Braided Fourier Mass Spectrometry System.

LI Pan, Lecturer

- Global change ecology and terrestrial carbon cycle model.

LIU Jing, Professor

- Active tectonics and tectonic landforms.

LIU Bo, Administrative Staff

- Asset management and research coordination.

SHI Lin, Technical Staff

- Equipment of material structure analysis and morphology characterization.

YIN Bohao, Technical Staff

- Operation, maintenance and development of nanoSIMS.

ZHANG Junwen, Postdoctor

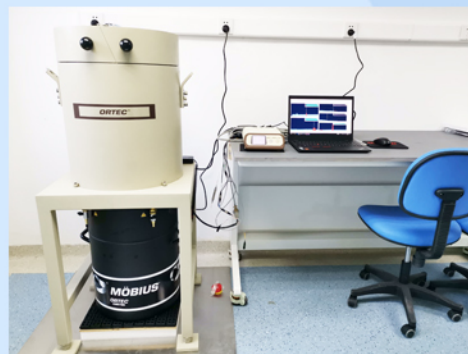
- Mainly focus on isotope geochemistry.

NEW Services

More Equipments and public facilities were put into use.



Thermal Field Emission Scanning
Electron Microscope (SEM)
(Room 106, Building 16)



Well Type High Purity Germanium
 γ Spectrometer
(Room 102, Building 16)



NEW Happiness

- * Best wishes to Li Xiaobo ! Happy wedding and may happiness always be with you.
- * Happy Birthday to the Birthday Stars of January and February(According to birthday rankings):
LI Xiaobo, CHEN Jiubin, LI Lingzhi, CHEN Xi, LI Xiaodong, GUAN Dongxing, XU Yanping,
YU Guanghui, HAO Qian, HAN Xingxing, WANG Tiejun, ZHANG Lixin, MENG Mei, HAN Xiaokun
- * Congratulations to new parents:
HAN Xiaokun, ZHANG Ruochun, LI Lingzhi, HAO Qian and SUN Ruoyu
Wish the babies grow happily and healthily everyday!



Guess





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武汉地质学院图书馆

---The first snow in 2019