



LI RONGXI 李荣西

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Home page: [http:// http://js.chd.edu.cn/dqkxyzyxy/lrx_en/list.htm](http://http://js.chd.edu.cn/dqkxyzyxy/lrx_en/list.htm)

Research area or direction

1. Analysis and testing technology and application of fluid inclusions
2. Geofluid diagenesis, mineralization and accumulation
3. Organic petrology and geochemistry of source rock
4. Unconventional oil and gas geology



FENG YONGGANG 凤永刚

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Research area or direction

1. ore-forming processes in rare earth and rare-metal deposits and geochemistry of ore-forming fluids;
2. transfer of ore-forming elements during water-rock interaction;
3. in situ analytical methods (EPMA, LA-ICP-MS, Laser Raman spectroscopy, FIB, UV-vis-IR etc.) applied to minerals and fluid/melt inclusions.



Ni Tao 陶霓

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Ni received her Bachelor of Engineering in oil and gas prospecting and Bachelor of Art in English from Northwest University (Xi'an, China) in 2011, and a Ph.D. on thermochronology and tectonics from Curtin University (Perth, Australia) in 2015.

Ni's current interests focus on applying a range of thermo-/geochronological approaches, including (U-Th)/He, fission track, Ar/Ar and U/Pb, to both fundamental (e.g., regional to global tectonics, mountainbuilding, magmatic records, impact events, environmental/climate change) and applied (mineral and petroleum resources) research.



LI HUI 李辉

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Research area or direction

- 1、 Reservoirs engineering and numerical simulation of low permeability reservoirs
- 2、 carbonate fracture-cave reservoirs



Yang Xiuqing 杨秀清

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Research area or direction

1. Economic geology.
2. Ore deposit geochemistry.
3. Precambrian ocean redox chemistry.



Ruibao Li (李瑞保)

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Research area or direction

1. Focusing on the Continent-Ocean tectonic framework, forming processes, as well as its metallogenic significance for Central China Orogenic Belt (CCOB) and even east Asia. Recent years,
2. Research on the formation ages, genesis and tectonic attribute for different types of oceanic crust fragment and granitites in Kunlun Orogen.
3. Current research projects mainly explain how Kunlun Orogen formed by compound accretionary and collision processes.



ZHOU Hai 周海

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Research area or direction

- 1、 Petrology;
- 2、 Orogenic tectonics, especially accretionary orogen.



Zhou Wei 周伟

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Research area or direction

1. Chemical flooding for enhanced oil recovery (i.e. polymer, CO₂, surfactants)
2. Experimental and numerical simulation of steam-assisted gravity drainage (SAGD)
3. Numerical simulation of tight oil reservoirs
4. Chemical water control technology for horizontal wells to enhance oil recovery;
5. Efficient development technology of deep sealing for thermal heavy oil recovery;
6. Dominant channels control technology for high water cut oil reservoirs;
7. High efficiency and low damage fracturing fluid for unconventional reservoirs



Jiao Jian-gang 焦建刚

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Research area or direction

1. Economic geology
2. Petrology geochemistry



Liang Jiwei 梁积伟

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Research area or direction

1. Mineralogy, Petrology, Mineral deposit
2. Structural geology
3. Resource exploration engineering



Lei Wanshan 雷万杉

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Research area of direction

1. Geo-information Science
2. Soil geochemistry
3. Low-temperature thermochronology
4. Tectonic Geology of Mineral Fields



Yu Qiang 于强

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Research area or direction

1. Fission-track dating and low-temperature thermochronology
2. Basin modeling and tectonothermal evolutionary history recovery
3. Petroleum exploration and assessment
4. Digital/smart oil and gas field construction



Huang Hexin 黄何鑫

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Research area or direction

Oil and Gas Potential Evaluation of Fine-Grained Sedimentary Systems



Wang Yang 汪洋

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Major: Geology/Geological Resources and Geological Engineering

Research area or direction:

1. Adsorption mechanism of CH₄/CO₂ onto rock
2. Integrated multi-scale reservoir characterization
3. Pore connectivity of sedimentary rock and its effect on fluid flow
4. Source rock evaluation, oil-source correlation, petroleum geochemistry



Lei Ruxiong 雷如雄

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Research area or direction

1. Economic geology.
2. Precambrian Iron formation.
3. Granites and related rare metal mineralization.



Zhao Jie 赵杰

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Research area or direction:

1. Paleomagnetism
2. Tectonics
3. Climate change



Xiao Liang 肖良

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Major: Palaeotology and Stratigraphy

Research direction:

1. Paleobotany
2. Phytogeographic evolution in deep time
3. Reconstruction of paleoenvironments and paleo-CO₂ levels in deep time



Kang Ming 康明

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Major: Geochemistry

Fields of teaching and research specialization:

1. Exploration geochemistry
2. Forecasting and prospecting minerals of concealed deposits
3. Exploration and assessment of mineral resources



ZHANG GUIZHAN 张贵山

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Professional and research directions

1. Specializing in Geochemistry
2. Lithogeochemistry;
3. Deposit Geochemistry and Mineral Exploration