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中国石油大学（北京）特聘副教授

研究领域：沉积构造耦合、盐构造、深水沉积过程

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1. 个人基本情况

1A. 教育背景

2011.10 – 2015.10 挪威卑尔根大学地球科学系石油地质博士
2009.09 – 2010.09 英国伦敦大学皇家霍洛威学院地球科学系地质硕士
2005.09 – 2009.06 浙江大学地球科学理学学士

1B. 工作经历

2020.06 至今 特聘副教授 中国石油大学（北京）地球科学院地质系
2016.07 – 2019.12 博士后研究员, 博士生导师 挪威卑尔根大学地球科学系
2013.09 – 2014.06 助教 挪威卑尔根大学地球科学系
2010.10 – 2011.10 研究助理 英国伦敦大学皇家霍洛威学院地球科学系

1C. 访问研究

2018.06 – 2018.09 德国波茨坦地学研究中心(GFZ)
2008.8 浙江省地震局

2. 文章

1. Howlett, D.*, Gawthorpe, R., **Ge, Z.**, Rotevatn, A., & Jackson, C. A-L, (2020), Turbidites, Topography and Tectonics: Evolution of submarine channel-lobe systems in the salt-influenced Kwanza Basin, offshore Angola. *Basin Research* (under review)
2. **Ge, Z.***, Gawthorpe, R., Zijerveld, L., & Oluboyo, A. P., (2020), Controls on variations of geometry and stratigraphy in salt minibasins: Lower Congo Basin, Angola Margin. *Basin Research*
3. **Ge, Z.***, Warsitzka, M., Rosenau, M., & Gawthorpe, R., (2019), Progressive margin tilting controls thin-skinned deformation in salt-bearing basins. *Geology*, 47 (12), 1122-1126 doi:10.1130/G46485.1
4. **Ge, Z.***, Gawthorpe, R., Rotevatn, A., Zijerveld, L., Jackson, C. A.-L., & Oluboyo, A. P., (2019), Minibasin depocentre migration during diachronous salt welding, offshore Angola. *Basin Research*. doi: https://doi.org/10.1111/bre.12404
5. **Ge, Z.***, Rosenau, M., Warsitzka, M., & Gawthorpe, R., (2019), Overprinting translational domains in passive margin salt basins: Insights from analogue modelling. *Solid Earth*. doi: doi.org/10.5194/se-10-1283-2019
6. Howlett, D. M.*, **Ge, Z.,** Nemec, W., Gawthorpe, R., Rotevatn, A., & Jackson, C. A.-L., (2019) Response of unconfined turbidity current to deep-water thrust fold-belt topography: orthogonal incidence on solitary and segmented folds. *Sedimentology*, 66 (6) 2425-2454. doi: 10.1111/sed.12602
7. **Ge, Z.***, Nemec, W., Gawthorpe, R., Rotevatn, A., & Ernst, H., (2018) Response of unconfined turbidity current to relay-ramp topography: insights from process-based numerical modelling. *Basin Research*, 30 (2), 321-343. doi:10.1111/bre.12255
8. **Ge, Z.***, Gawthorpe, R., Rotevatn, A., & Thomas, M., (2017) Impact of normal faulting and pre-rift salt tectonics on the structural style of salt-influenced rifts: the Late Jurassic Norwegian Central Graben, North Sea. *Basin Research*, 29 (5), 674-698. doi:10.1111/bre.12219
9. **Ge, Z.*,** Nemec, W., Gawthorpe, R., & Ernst, H., (2017) Response of unconfined turbidity current to normal-fault topography. *Sedimentology*, 64: 932–959. doi:10.1111/sed.12333

10. Adam, J.*, **Ge, Z.,** & Sanchez, M. (2012). Salt-structural styles and kinematic evolution of the Jequitinhonha deepwater fold belt, central Brazil passive margin. *Marine and Petroleum Geology*, 37(1), 101-120.
11. Adam, J.*, **Ge, Z.,** & Sanchez, M. (2012). Post-rift salt tectonic evolution and key control factors of the Jequitinhonha deepwater fold belt, central Brazil passive margin: Insights from scaled physical experiments. *Marine and Petroleum Geology*, 37(1), 70-100.

3. 国际会议

1. **Ge, Z.**, Warsitzka, M., Rosenau, M. & Gawthorpe, R.L. The Impact of Instant Versus Progressive Margin Tilting Upon Passive Margin Salt Basins. AAPG GTW EuroAsian Mature Salt Basins, 克拉科夫, 2019 年 4 月 16–17 日
2. **Ge, Z.,** Warsitzka, M., Rotevatn, A., Gawthorpe, R.L., Zijerveld, L. & T. Wrona. Extension initiation and localization on minibasin formation in passive margin salt basins. TSG, 卑尔根, 2019 年 1 月 14–16 日.
3. **Ge, Z.**, Rosenau, M., Warsitzka, M. & Gawthorpe, R.L. Kinematic domain partitioning in passive margin salt basins: the myth of translational domain. GeoMod2018, 巴塞罗那, 2018 年 10 月 1–4 日.
4. Howlett, D. M., **Ge, Z.**, Nemec, W., Gawthorpe, R.L., Rotevatn, A., Response of Unconfined Turbidity Currents to Complex Bathymetry in Deepwater Fold and Thrust Belts.美国石油地质学会年会（AAPG 2018 ACE）, 盐湖城, 2018 年 5 月 20–23 日.
5. **Ge, Z.**, Nemec, W., Gawthorpe, R.L., Rotevatn, A., Basani, R. & Hansen, E.W.M. The impact of fault topography on turbidity currents descending from the slope to the floor of an early-stage deep-water rift basin: insights from CFD numerical simulations. IAS 2013. 第 30 届国际沉积学会大会, 曼切斯特, 2013 年 9 月 2–9 日.
6. **Ge, Z**., Gawthorpe, R., Rotevatn, A., & Wonham, J. Variations in Depocentre Style under Mid-Late Jurassic Salt-Influenced Rifting: Norwegian Central Graben, North Sea.美国石油地质学会年会(AAPG 2013 ACE), 匹兹堡, 2013 年 5 月 19–22 日.

4. 教学经验

2013–2014	石油地质	助教	卑尔根大学
2013–2014	地球物理数据解释	助教	卑尔根大学

5. 科研项目

5A. 主持项目 (PI)

1. EON 能源公司与 EPOS (European Plate Observing System)联合资助项目负责人, “Minibasin evolution in passive margin salt basins”，2018;
2. 卑尔根大学 SPIRE 国际研究战略项目的子课题负责人, 2017– 2018;

5B. 核心参与项目

1. 挪威国家石油公司项目, “Turbidites, Topography and Tectonics (T3): understanding the response of turbidity currents to structurally controlled seafloor topography”，核心研究人员，2016 至今;
2. 道达尔公司项目，“Late Jurassic tectono-stratigraphic development of the Norwegian Central Graben and the influence of normal faulting on turbidite sedimentation”, 核心研究人员，2011-2015;
3. 巴西国家石油项目，“Kinematics and Mechanics of Salt-related Fold & Fault Structures in South-Atlantic Passive Margin Sedimentary Basins”,核心研究人员，2009 – 2011;