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## 教师风采——潘进芬

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潘进芬简历

### [基本资料](#)

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### [工作经历](#)

2005.01 – 今： 中国海洋大学环境科学与工程学院讲师/副教授/教授

2012.06 – 2012.09: 香港科技大学合作研究

2009.11 – 2011.04: 法国南特大学合作研究

2005.04 – 2005.07: 德国亚琛大学合作研究

### [教育背景](#)

2000.09 – 2004.05: 香港科技大学环境生物学博士

1997.09 – 2000.07: 中国科学院海洋研究所环境海洋学硕士

1993.09 – 1997.07: 长春地质学院分析化学学士

### [教学工作](#)

讲授《海洋生物地球化学导论》等本科生课程及《生态毒理学》、《科技论文英语写作》研究生课程及《环境科学导论(Introduction to Environmental Science)》中德研究生课程。

多次讲授中德海洋科学暑期班国际课程讲座(“Sino-German Initiative on Marine Science: Higher Education”)的讲授。

### [科研兴趣及项目](#)

主要从事金属污染毒理学、海洋污染生态学与环境生物监测研究。

近年来独立主持国家自然科学基金、国家海洋局公益项目子课题、山东省自然科学基金等多项科研项目。参加多项国家自然科学基金重大国际合作项目、国家科技重大专项及国际合作项目。

### [招生计划](#)

每年拟招收2-3名化学及生物学背景的研究生。

### [近年代表性论文](#)

Pan J, Pan J-F\*, Diao M 2015. **Human and Ecological Risk Assessment**. 21: 2155-2169.

Pan, J.; Pan, J.-F\*, Wang, M\*. **Mar Pollut Bull** 2014. 89: 427-434.

HUANG, Lili; PU, Xin-Ming; Pan, J.-F.\*; WANG, Bo. **Chemosphere** 2013. 93: 1957-64.

Pan, J.-F.; Buffet, P.E.; Poirier, L.; Amiard-Triquet, C.\*; Gilliland, D. et al. **Environ Pollut** 2012. 168: 37-43.

Buffet, P.-E.; Pan, J.-F.; Poirier, L.; Amiard-Triquet, C.; Amiard, J.-C. et al. **Ecotoxcol Environ Safety**. 2013. 89: 117-124.

Joubert, Y.; Pan, J.-F.; Buffet, P.-E.; Pilet, P.; Gilliland, D. et al. **Gold Bulletin**. 2013. 46: 47-56.

Buffet, P.-E.; Tankoua, O.F.; Pan, J.-F.; Berhanu, D.; Herrenknecht, C.; Poirier, L.; Amiard-Triquet, C. et al.

**Chemosphere**. 2011. 84: 166-174.

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**Curriculum Vitae: Jin-Fen PAN**

**Personal Details**

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Ocean University of China, Qingdao 266100, China

**Current Position**

Professor of Environmental Science

Key Laboratory of Marine Environment and Ecology (Ministry of Education)

Ocean University of China

China

**Education**

2004: Ph.D., Environmental Biology, Hong Kong University of Science & Technology

2000: M.Sc., Environmental Oceanography, Institute of Oceanography, Chinese Academy of Sciences

1997: B.Sc., Analytical Chemistry, Ji-Lin University (Former Chang-Chun University of Geosciences)

**Professional Experiences**

Dec. 2015 – Current: Professor, Key Laboratory of Marine Environment and Ecology, Ministry of Education,  
Ocean University of China

Feb. 2005 – Dec. 2015, Lecturer/Associated Professor, College of Environmental Science and Engineering, Ocean  
University of China

Sep. 2000 – Jan. 2004, Teaching Assistant / Research Assistant, Department of Biology, Hong Kong University of  
Science and Technology.

**Research Interests**

Coastal and Estuarine Ecotoxicology

My field research concerns the biological and ecological effects/impact of pollutants (metals, nanomaterials, and persistent organic pollutants) to aquatic organisms (algae, annelids, mollusks), by examining the subcellular responses to effects at higher levels of biological organization, aims to understand better the covariance or interrelationship between the ecological and (eco)toxicological responses, thus to help environmental diagnosis and control the environmental management.

**Recent Publications (Peer-reviewed journals; \*: corresponding author)**

- 1) Zhang, T., **PAN J.-F.\***, D. E. Hunt et al. 2018. Organic matter modifies biochemical but not most behavioral responses of the clam *Ruditapes philippinarum* to nanosilver exposure. *Marine environmental research* 133:105-133.
- 2) Manzoor, R., T. Zhang, X. Zhang, M. Wang, **PAN J.-F.\***, Z. Wang, and B. Zhang. 2017. Single and combined metal contamination in coastal environments in China: current status and potential ecological risk evaluation. *Environmental Science and Pollution Research*:1-11.
- 3) Pan J, **Pan J-F\***, Diao M 2015. Trace Metal Mixture Toxicity in Aquatic Organism Reviewed from a Biototoxicity Perspective. *Human and Ecological Risk Assessment: An International Journal*. 21: 2155-2169.
- 4) Pan J, **Pan J-F\***, Wang M 2014. Trace elements distribution and ecological risk assessment of seawater and sediments from Dingzi Bay, Shandong Peninsula, North China. *Marine Pollution Bulletin*. 89: 427-434.
- 5) HUANG L; PU X-M; **PAN, J-F\***; et al. 2013. Heavy metal pollution status in surface sediments of Swan Lake lagoon and Rongcheng Bay in the northern Yellow Sea. *Chemosphere*. 93: 1957-64.
- 6) **Pan J.F.**; Buffet P.E.; Poirier L., et al. 2012. Size dependent bioaccumulation and ecotoxicity of gold nanoparticles in an endobenthic invertebrate: the Tellinid clam *Scrobicularia plana*. *Environmental Pollution*. 2012. 168: 37-43.
- 7) Buffet, P.-E.; **Pan, J.-F.**; Poirier, L.; Amiard-Triquet, C.; Amiard, J.-C. et al. 2013. Biochemical and behavioural responses of the endobenthic bivalve *Scrobicularia plana* to silver nanoparticles in seawater and microalgal food. *Ecotoxicology and Environmental Safety*. 89: 117-124.
- 8) Joubert, Y.; **Pan, J.-F.**; Buffet, P.-E.; Pilet, P.; Gilliland, D. et al. 2013. Subcellular localization of gold nanoparticles in the estuarine bivalve *Scrobicularia plana* after exposure through the water. *Gold Bulletin*. 46: 47-56.

**Teaching experience**

Jan. 2005 – Present: **Aquatic Ecotoxicology** (PG course); **Environmental Biology** (Undergraduate course), **Basic**

[Ecology](#) (Undergraduate course), [An Introduction to Marine Biogeochemistry](#) (Undergraduate course), [Biological Oceanography](#) (Graduate course).

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