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After graduated from Civil Engineering Department, University of Kansas with MS and Ph.D. degrees in Environmental Science and Health, Dr. Shu Tao joined the faculty at Peking University in 1984. He is now a Cheung Kong Professor and dean of the College of Urban and Environmental Sciences. He is also the director of the Laboratory for Earth Surface Processes, a key laboratory under Chinese Ministry of Education. He chairs the subcommittee of Environmental & Chemical Geography, Chinese Geography Association. He serves as the president of SETAC Asia/Pacific and is on the editorial boards of several international journals. Currently, his research is focused on the bioavailability, fate, transport and exposure of persistent organic pollutants (POPs) including PAHs and organochlorine pesticides. At present, he is the PI for a number of projects including Fate and Behavior of PAHs in northern China and Emission and outflow of PAHs from East Asia (both are key projects of National Scientific Foundation of China). Dr. Shu Tao has 150 papers published in peer-reviewed international journals. His publications cover a number of fields including bioavailability of trace elements and POPs, humic substances, and multimedia fate modeling of POPs.

The selected publications:

1. Tao, S\*; Wang Y, Wu SP, Liu SZ, Dou H, Lu YN, Lang C, Hu F, Xing BS, Vertical distribution of polycyclic aromatic hydrocarbons in atmospheric boundary layer of Beijing in winter, *ATMOSPHERIC ENVIRONMENT*, 2007, 41, 9594-9602
2. Tao, S\*; Li, BG; He, XC; Liu WX; Shi, Z, Spatial and temporal variations and possible sources of dichlorodiphenyltrichloroethane (DDT) and its metabolites in rivers in Tianjin, China, *CHEMOSPHERE*, 2007, 68, 10-16
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5. Lang C, Tao S\*, Liu WX, Zhang YX, Simonich S, Atmospheric Transport and Outflow of Polycyclic Aromatic Hydrocarbons from China, *ENVIRONMENTAL SCIENCE & TECHNOLOGY*, 2008, 42, 5196-5201
6. Wang YQ, Tao S\*, Jiao XC, Coveney RM, Wu SP, Xing BS, Polycyclic aromatic hydrocarbons in leaf cuticles and inner tissues of six species of trees in urban Beijing, *ENVIRONMENTAL POLLUTION*, 2008, 151, 158-164
7. Lang C, Tao S\*, Wang XJ, Zhang G, Fu JM, Polycyclic aromatic hydrocarbons at emission sources and in various environmental media in pearl river delta, China, *ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY*, 2008, 27, 4-9
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9. Tao, S\*; Xu, FL; Liu, WX; Cui, YH; Coveney, RM, A chemical extraction method for mimicking bioavailability of polycyclic aromatic hydrocarbons to wheat grown in soils containing various amounts of organic matter, *ENVIRONMENTAL SCIENCE & TECHNOLOGY*, 2006, 40, 2219-2224
10. Tao, S\*; Jiao, XC; Chen, SH; Liu, WX; Coveney, RM; Zhu, LZ; Luo, YM, Accumulation and distribution of polycyclic aromatic hydrocarbons in rice (*Oryza sativa*), *ENVIRONMENTAL POLLUTION*, 2006, 140, 406-415
11. Tao, S\*; Jiao, XC; Chen, SH; Xu, FL; Li, YJ; Liu, FZ, Uptake of vapor and particulate polycyclic

- aromatic hydrocarbons by cabbage, ENVIRONMENTAL POLLUTION, 2006, 140, 13-15
12. Tao, S\*; Yang, Y; Cao, HY; Liu, WX; Coveney, RM; Xu, FL; Cao, J; Li, BG; Wang, XJ; Hu, JY; Fang, JY, Modeling the dynamic changes in concentrations of gamma-hexachlorocyclohexane (gamma-HCH) in Tianjin region from 1953 to 2020, ENVIRONMENTAL POLLUTION, 2006, 139, 183-193
  13. Liu SZ, Tao S\*, Liu WX, Liu YN, Dou H, Zhao JY, Wang LG, Wang JF, Tian ZF, Gao Y, Atmospheric polycyclic aromatic hydrocarbons in north china: a wintertime study, ENVIRONMENTAL SCIENCE & TECHNOLOGY, 2007, 41, 8256-8261
  14. Lang C, Tao S\*, Zhang G, Fu JM, Simonich S, Outflow of Polycyclic Aromatic Hydrocarbons from Guangdong, Southern China, ENVIRONMENTAL SCIENCE & TECHNOLOGY, 2007, 41, 8370-8375
  15. Lang C, Tao S\*, Wang XJ, Zhang G, Li J, Fu JM, Seasonal variation of polycyclic aromatic hydrocarbons (PAHs) in Pearl River Delta region, China, ATMOSPHERIC ENVIRONMENT, 2007, 41, 8370- 8379
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  19. Jiao, XC; Xu, FL; Dawson, R; Chen, SH; Tao, S\*, Adsorption and absorption of polycyclic aromatic hydrocarbons to rice roots, ENVIRONMENTAL POLLUTION, 2007, 148, 230-235
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