

Accepted Manuscript

Source Identification and Ecological Impact Evaluation of PAHs in Urban River Sediments: A Case Study in Taiwan

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PII: S0045-6535(17)31969-0

DOI: 10.1016/j.chemosphere.2017.12.008

Reference: CHEM 20388

To appear in: *Chemosphere*

Received Date: 29 July 2017

Revised Date: 25 November 2017

Accepted Date: 02 December 2017

Please cite this article as: Y.T. Tu, J.H. Ou, D.C.W. Tsang, C.D. Dong, C.W. Chen, C.M. Kao, Source Identification and Ecological Impact Evaluation of PAHs in Urban River Sediments: A Case Study in Taiwan, *Chemosphere* (2017), doi: 10.1016/j.chemosphere.2017.12.008

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Research Highlights**Title: Source Identification and Ecological Impact Evaluation of PAHs in Urban River Sediments: A Case Study in Taiwan**

- Diagnostic ratio analyses are useful tools to be applied for PAH source appointment.
- Most PAHs in urban sediments are attributed to pyrogenic activities.
- Emission from transportation has impact on PAHs pollution in sediments.
- High-ring PAHs from combustion are the main components of PAHs in river sediments.

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