

# ENVIRONMENTAL ANALYSIS

JOURNAL OF THE KOREAN SOCIETY FOR ENVIRONMENTAL ANALYSIS

한국환경분석학회지

## 한국환경분석학회지

### Articles

- ◇ Chemical Composition and Source Apportionment of PM<sub>2.5</sub> in Jeju City in 2017  
/ Su-Mi Kim, Kil-Seong Kim, Sung-Su Hyun, Jeong-Ha Kim, Myeong-Chan Kim, Bong-Jin Kim, and Ki-Ho Lee ..... 61
- ◇ Study on the Purification of Environmental Pollutants like Metamifop and Preparation of Standard Material through Various Analytical Methods to Determine Purity  
/ Seung-Hwan Kim, Yeo Jin Kim, Dae-Won Chung, Jong-Kook Kwon, and Seok-Ki Lee ..... 71
- ◇ Simultaneous Determination of Seven Cyanobacterial Toxins in River Water by Liquid Chromatography-Tandem Mass Spectrometry  
/ Injung Lee, Jina Kim, Jung Min Ahn, and Duk-Seok Yang ..... 78
- ◇ Study on the Validation of Environmental Test Methods  
/ Kumhee Kim, Suk-Young Hong, Eun-Jin Yoo, Sang Ho Ko, Myoung Ock Kim, Myoung-Jin Kim, Jeehye Kim, Jinjoo Lee, Bo-Ra Lim, Suk-Hee Yoon, Yujeong Huh, Jong-Woo Choi, Hyun Mi Chung, Sin-Woo Lee, and Jong Yeon Hwang ..... 87
- ◇ Monthly Characteristics of Dewatered Sludge from Sewage Treatment Plant  
/ Soon-Gi Hong, Hye-Jin Byeoun, Yoon-Jung You, Seok-Ki Lee, and Tae-Kee Hong ..... 95
- ◇ Assessment of Gold Nanomaterial Uptake in HepG2 Cells by Single Particle ICP-MS and ICP-MS  
/ Eunjeong Kim, Hwa Kyung Sung, Sun Kyoung Yoo, Eunhye Jo, Hyun-Mi Kim, Pilje Kim, and Seung Do Yu ..... 103
- ◇ Micropollutant Analysis in Upo Wetland via Target, Suspect and Nontarget Screening using LC-HRMS  
/ Daeho Kang and Junho Jeon ..... 112

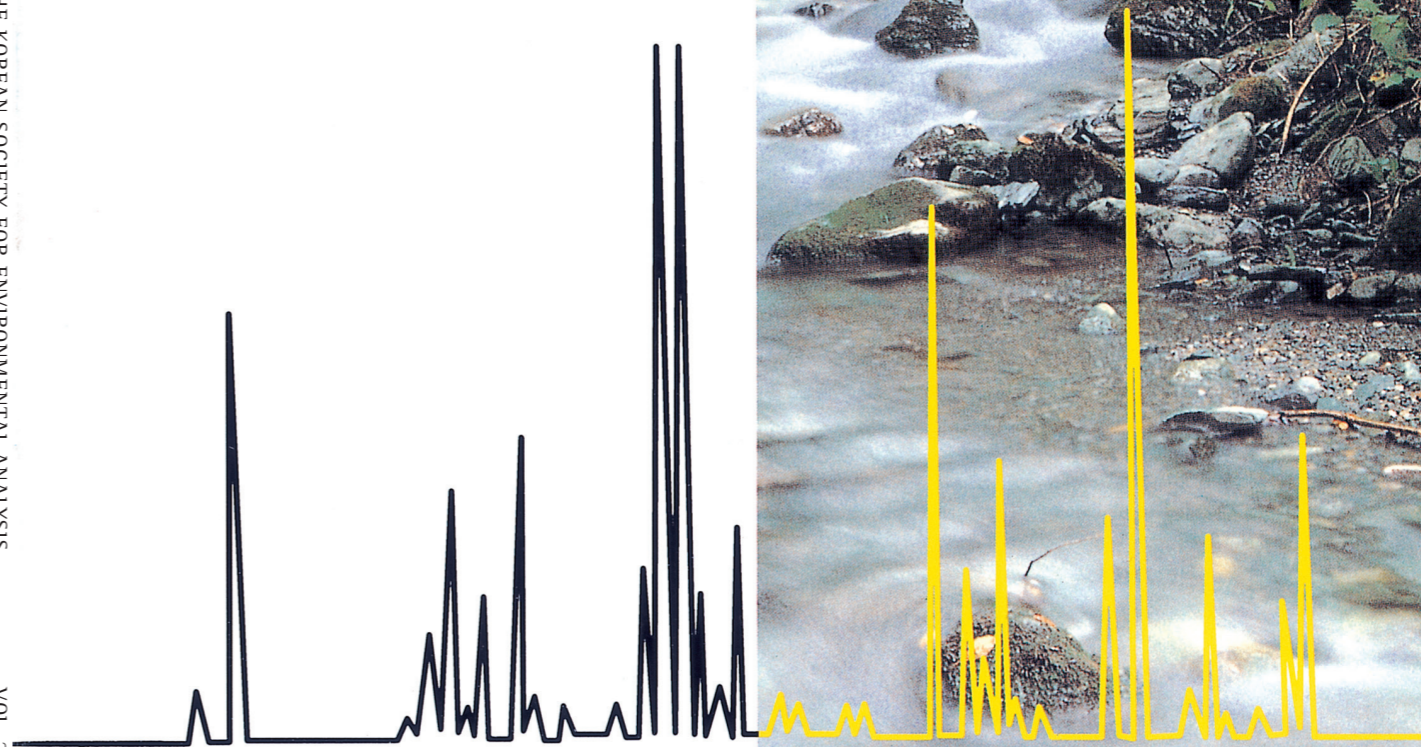
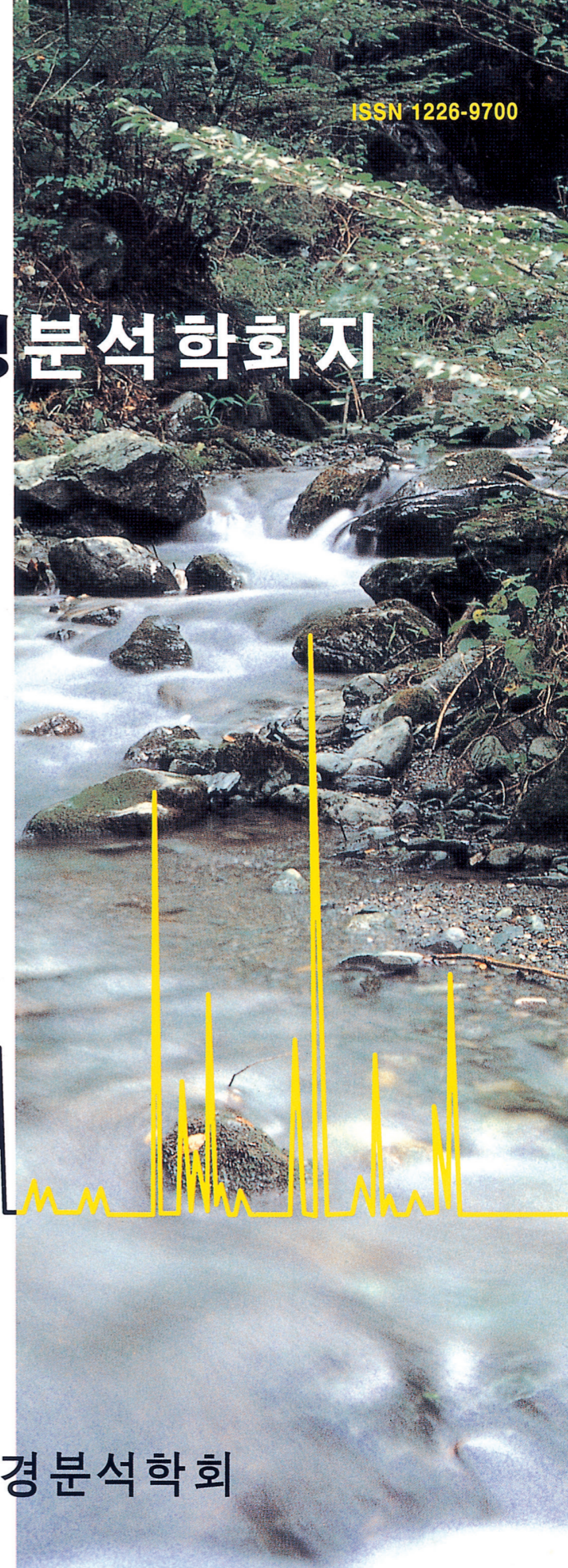
JOURNAL OF THE KOREAN SOCIETY FOR ENVIRONMENTAL ANALYSIS

VOL. 21 NO. 2

June 2018

THE KOREAN SOCIETY FOR ENVIRONMENTAL ANALYSIS  
SEOUL, KOREA

*K<sub>S,EA</sub>* 한국환경분석학회



2018년 6월 30일

한국환경분석학회지 제21권 제2호

발행인: 표희수

편집인: 최재원

발행처: **(사)한국환경분석학회**

서울시 마포구 마포대로 12 한신빌딩 305호  
우)04175

전화 02-704-4801, 팩스 02-704-4802

<http://www.ksfea.or.kr>

인쇄처: **한림원(주)** (Tel. 02-2273-4201)

등록번호: 제카 11-17호