

Water Science and Technology

Volume 57, Number 10

Contents

- 1487 Benchmarking of large municipal wastewater treatment plants treating over 100,000 PE in Austria
S. Lindtner, H. Schaar and H. Kroiss
- 1495 AqquaScan: design and implementation of an Internet-based service for the remote monitoring and management of decentralised WWTPs
A. Castro, J. M. Sanz, I. Ayala, E. Ayesa, J. Alferes and I. Irizar
- 1503 Temporal evolution of urban wet weather pollution: analysis of PCB and PAH in sediment cores from Lake Bourget, France
S. Jung, F. Arnaud, P. Bonté, G. Chebbo, C. Lorgeoux, T. Winiarski and B. Tassin
- 1511 Nitrogen speciation in wastewater treatment plant influents and effluents—the US and Polish case studies
K. R. Pagilla, K. Czerwionka, M. Urgun-Demirtas and J. Makinia
- 1519 Stormflow-dominated loads of faecal pollution from an intensively dairy-farmed catchment
Rob Davies-Colley, Elizabeth Lydiard and John Nagels
- 1525 Qualitative representation of trends: an alternative approach to process diagnosis and control
K. Villez, C. Rosén, F. Anctil, C. Duchesne and P. A. Vanrolleghem
- 1533 Implications and potential applications of bactericidal fullerene water suspensions: effect of nC₆₀ concentration, exposure conditions and shelf life
D. Y. Lyon, D. A. Brown and P. J. J. Alvarez
- 1539 Hybrid moving bed biofilm reactors: a pilot plant experiment
D. Di Trapani, G. Mannina, M. Torregrossa and G. Viviani
- 1547 Sewer modelling based on highly distributed calibration data sets and multi-objective auto-calibration schemes
D. Muschalla, S. Schneider, V. Gamerith, G. Gruber and K. Schröter
- 1555 Can a wastewater treatment plant be a powerplant? A case study
N. Schwarzenbeck, E. Bomball and W. Pfeiffer
- 1563 Long-term evaluation of a spectral sensor for nitrite and nitrate
L. Rieger, G. Langergraber, D. Kaelin, H. Siegrist and P. A. Vanrolleghem
- 1571 Process control automation and remote on-line supervision: the strategy for wastewater treatment in an Italian piedmont
E. M. Battistoni, F. Fatone, P. Pavan, R. Beltritti and M. Raviola



Publishing

- 1579 Evaluation, selection and initial performance of a large scale centralised biosolids facility at Oxley Creek Water Reclamation Plant, Brisbane
K. G. Barr, D. O. Solley, D. J. Starrenburg and R. G. Lewis
- 1587 Monitoring of rain events with a submersible UV/VIS spectrophotometer
Aurélien Maribas, Maria do Carmo Lourenço da Silva, Nadège Laurent, Bernard Loison, Philippe Battaglia and Marie-Noëlle Pons
- 1595 The development of a risk-based approach to managing the ecological impact of pollutants in highway runoff
B. Crabtree, P. Dempsey, I. Johnson and M. Whitehead
- 1601 Quality evaluation methods for wastewater treatment plant data
M. Thomann
- 1611 Reduction of sediment micro-pollution by means of a pilot plant
F. Petavy, V. Ruban, P. Conil and J. Y. Viau
- 1619 Cost-effective upgrading of a biological wastewater treatment plant by using lamella separators with bypass operation
N. Jardin, L. Rath, A. Schönfeld and T. Grünebaum
- 1627 On-line estimation of the dissolved zinc concentration during ZnS precipitation in a continuous stirred tank reactor (CSTR)
T. I. M. Grootscholten, K. J. Keesman and P. N. L. Lens
- 1635 Probabilistic modeling of sewer deterioration using inspection data
J. Dirksen and F. H. L. R. Clemens
- 1643 Activated sludge process monitoring through *in situ* near-infrared spectral analysis
A. M. A. Dias, I. Moita, R. Páscoa, M. M. Alves, J. A. Lopes and E. C. Ferreira
- 1651 Benefits, limitations and uncertainty of *in situ* spectrometry
S. Winkler, J.-L. Bertrand-Krajewski, A. Torres and E. Saracevic
- 1659 Combining multiway principal component analysis (MPCA) and clustering for efficient data mining of historical data sets of SBR processes
Kris Villez, Magda Ruiz, Gürkan Sin, Joan Colomer, Christian Rosén and Peter A. Vanrolleghem
- 1667 Reproducibility and uncertainty of wastewater turbidity measurements
C. Joannis, G. Ruban, M.-C. Gromaire, J.-L. Bertrand-Krajewski and G. Chebbo
- 1675 Development of a open-vessel single-stage respirometer
S. Marsili-Libelli, V. D'Ardes and C. Bondi

