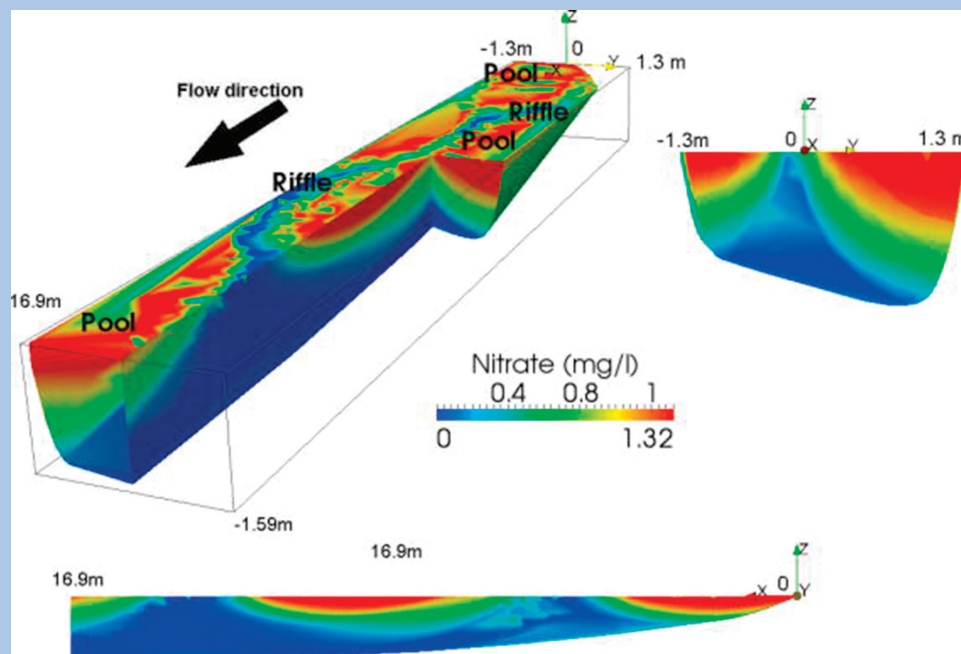


WATER RESOURCES RESEARCH



VOLUME 47

NOVEMBER 2011

NUMBER 11

Articles published online 1 November - 30 November 2011

PUBLISHED BY  AGU AMERICAN GEOPHYSICAL UNION