



## WASP6

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WASP6

WASP6 :

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<sup>1</sup>Water Quality Analysis Simulation Program





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**WASP6** - -

WASP (WASP6)  
(Ambrose, 1987, Di Toro, 1983, Connolly et al., 1984)

WASP6 .

TOXI .

EUTRO .

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GPS .

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<sup>1</sup>Advection  
<sup>2</sup>Dispersion  
<sup>3</sup>point and Diffuse mass loading  
<sup>4</sup>Kinetic



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## WASP6

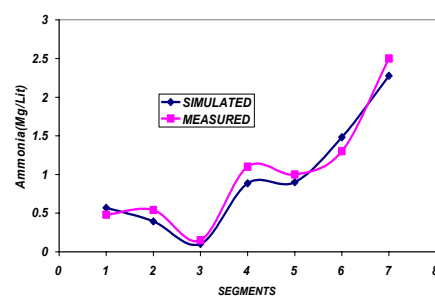
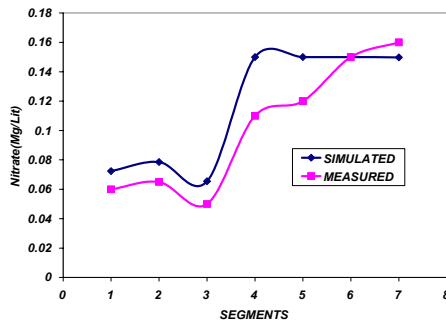
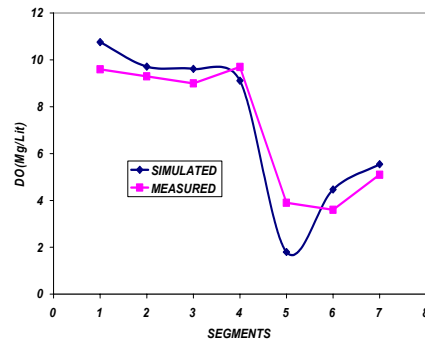
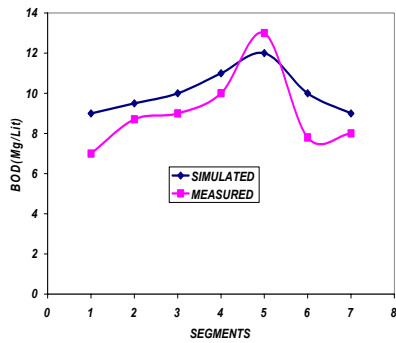
(R<sup>2</sup>)

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- <sup>1</sup>Calibration
  - <sup>2</sup>Verification
  - <sup>3</sup>Mean Squared Error
  - <sup>4</sup>Mean Absolute Error

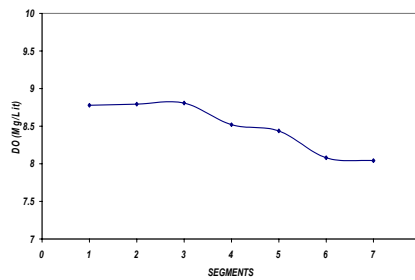
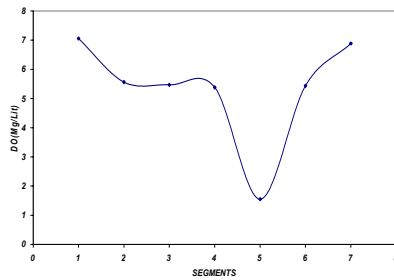
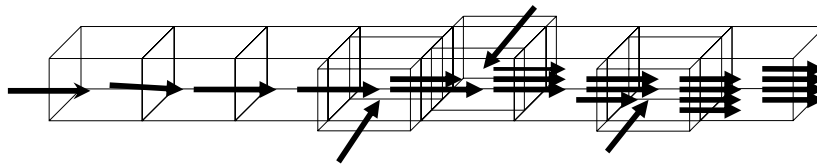


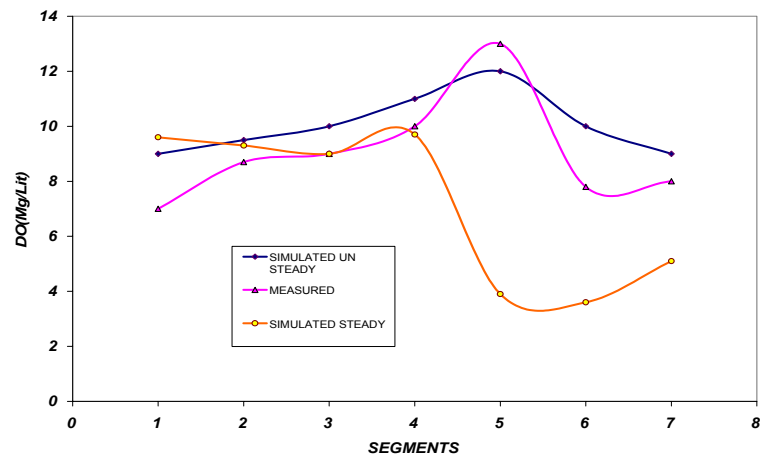
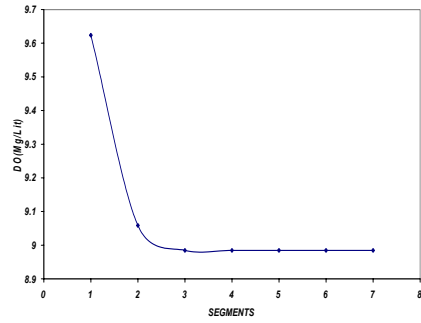
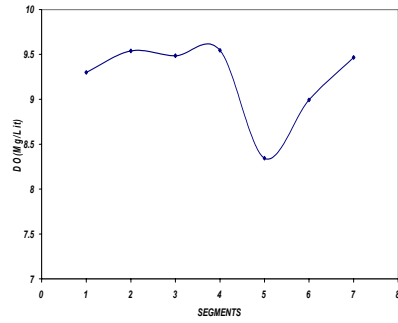
	MSE	MAE	R <sup>2</sup>
DO	/	/	/
BOD	/	/	/
Ammonia	/	/	/
Nitrate	/	/	/





	MSE	MAE	R <sup>2</sup>
DO	/	/	/
BOD	/	/	/
Ammonia	/	/	/
Nitrate	/	/	/





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- Ambrose, R. B., Modeling volatile organics in the delaware estuary, American Society of Civil Engineers, Journal of Environmental Engineering, 113: 703–21, 1987.
- Connolly, J. P. and Winfield, R., A users guide for WASTOX, a framework for modeling the fate of toxic chemicals in aquatic environments, Part1: Exposure concentration, U.S. Environmental Protection Agency, Gulf Breeze, FL. EPA-600/3-84-077, 1984.
- Di Toro, D. M., Fitzpatrick, J. J. and Thoman, R.V., (Water Quality Analysis Simulation Program (WASP) and Model Verification Program (MVP) Documentation, Hydrosience Inc., Westwood NY, for U.S. EPA, Duluth, MN, Contract No. 68- 01 – 3872, 1983.