

# LISTA DE LUCRĂRI

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## Articole publicate în reviste cotate ISI,

Oprea, M., Buruiana, V., **Matei, A.**, A microcontroller-based Intelligent System for Real-time Flood Alerting, *International Journal of Computers, Communications and Control* 2010, vol. V (2010), no. 5, pp. 838-845, ISSN 1841-9836, 2010

**Matei, A.**, Intelligent Monitoring and Analysis System in the Prahova River Basin, *Journal of Control Engineering and Applied Informatics*, articol acceptat 2011 și publicat în martie 2012

## Articole publicate în reviste internaționale cotate în baze de date internaționale (BDI),

Oprea, M., **Matei, A.**, The Neural Network-Based Forecasting in Environmental Systems, *Journal of WSEAS TRANSACTIONS on SYSTEMS and CONTROL*, Issue 12, Volume 5, December 2010, ISSN: 1991-8763, p. 893-901, 2010

## Articole publicate în reviste naționale de categoriile B+ și B, în cotarea CNCSIS,

**Matei, A.**, Multi-agent System for Monitoring and Analysis Prahova Hydrographical Basin, *Buletinul Institutului Politehnic din Iași, Automatic Control and Computer Science Section*, Tome LVII (LXI), Fasc. 3, pag. 9-19, 2011

**Matei, A.**, An ANN Based Flood Prediction System, *Petroleum-Gas University of Ploiești Bulletin, Technical Series*, vol. LXI No. 3/2009, pag. 353-358, ISSN 1224-8495, 2009

**Matei, A.**, An analysis of modern monitoring and preventing techniques of floods, *Petroleum-Gas University of Ploiești Bulletin, Mathematics-Informatics-Physics Series*, vol. LX no. 2/2008, pag. 86-92, ISSN 1224-4899, 2008

## Articole publicate în volumele cu lucrări ale unor manifestări științifice internaționale sau naționale cu comitet internațional de program,

**Matei, A.**, Flood Forecasting and River Monitoring Expert System in Prahova River Basin, *IFAC Workshop on Intelligent Control Systems, WICS 2010*, vol. 8, part. 1, pag. 82-86, 2010

Oprea, M., **Matei, A.**, Applying Artificial Neural Networks in Environmental Prediction Systems, *Proceedings of the 11th WSEAS International Conference on AUTOMATION & INFORMATION*, pag. 110-115, ISSN 1790-5117, 2010 (ISI Proceedings)

Oprea, M., **Matei, A.**, Petre, E., Agent-based Modelling of a Dam Monitoring System, *Proceedings of the 17<sup>th</sup> International Conference on Control Systems and Computer Science*, vol. 2, pag. 509-514, May 2009

**Matei, A.**, An Artificial Neural Network for Short Time Flow Prediction in the Prahova Hydrographic Basin, *Proceedings of the 17<sup>th</sup> International Conference on Control Systems and Computer Science*, vol. 1, pag.15-19, May 2009