

YAHOO! MAIL interface showing an email from wap@papersub.com dated 12/20/13. The email is titled "Journal of Water Resource and Hydraulic Engineering(JWRHE) : invites Dr.Erika Beilicci to review...". The email content includes an invitation to review a paper titled "Virtual DMA Municipal Water Distribution Pipelines Leakage Detection and Classification Using Multi-class SVM Advanced Pattern Recognizer". The abstract discusses the research on virtual DMA and its application in water utility companies.

Journal of Water Resource and Hydraulic Engineering(JWRHE) : invites Dr.Erika Beilicci to review...

wap@papersub.com 12/20/13 at 9:29 AM

To: beilicci_erika@yahoo.com

Dear Erika Beilicci:

This mail is sent by Journal of Water Resource and Hydraulic Engineering(JWRHE), which is published by World Academic Publishing (www.academicpub.org/jwrhe/).

You are warmly invited to review this paper, and we shall be most grateful if you would kindly send in your review report within the next 2 weeks.

If the invitation is acceptable for you, please [click here](#) to login to the system (your username is: beilicci_erika@yahoo.com and password is 123456).

If you could not help at this moment, kindly reply with "Not this time".

Your support is greatly appreciated!

Paper

Paper Title:Virtual DMA Municipal Water Distribution Pipelines Leakage Detection and Classification Using Multi-class SVM Advanced Pattern Recognizer

Abstract:In this paper we investigated and analyzed the concept of virtual DMA as the core objective of the research to resolve the current Gap and limitations of the DMA state of practice through the development of Virtual DMA Leakage Monitoring and Classification System Using Multi-class Support Vector Machine (SVM) Advanced Pattern Recognizer at Lille University WDS study area the so called "Zone-Six". The SVM's were trained on multiple cases representing the presence of leakages in various sizes and locations. The research results, and analysis showed a rather promising performance, which could be successfully implemented for leak detection and classification. The proposed method could enable the water Utility companies and other stakeholders to further reduce risks associated with pipeline leakage or breakage. This method can be used during decision-making process for selecting which WDS infrastructure required urgent action, and engineer the optimal short-term response or alternative rehabilitation and replacement (R&R) Maintenance Strategies. Furthermore, the proposed methodology could benefit the water utility companies by reducing the cost and operational drawbacks associated with implementing physical DMA. It also improve the day to day operational decision making process by detecting and classifying the different stages of pipelines leakages and breakages according to their severity, which can help the operators to see the behavior of the network on the control room screens they are familiar with and enable them to quickly perform the best short-term response strategy.

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(499 unread) - beilicci_erika X

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Re: Have you finished reviewing paper JWRHE10045?

beilicci erika <beilicci_erika@yahoo.com> 01/15/14 at 4:17 PM

To: jwrhe

Dear Sarah Lui,

I send the review report.

Regards,
Erika Beilicci

From: jwrhe <jwrhe@academicpub.org>
To: beilicci erika <beilicci_erika@yahoo.com>
Sent: Wednesday, January 15, 2014 9:49 AM
Subject: Have you finished reviewing paper JWRHE10045?

Dear Erika Beilicci,

Thank you for the continue support to this journal.

We are writing to check whether you have finished reviewing paper JWRHE10045, as half a month passed and we didn't receive the review report of this paper from your side till now (you said that you would send the review report of paper JWRHE10045 till Wednesday, 15 January 2014).

If you have finished it, please kindly send back the reveiw report to us at your early convenience. Or if not, please also reply to us and tell us when you could finish this work. Thanks for your cooperation in anticipation!

Please feel free to contact us if there is any question or problem.

Best regards,

Sarah Lui
Editorial Assistant
Journal of Water Resource and Hydraulic Engineering (JWRHE)

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