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FEB

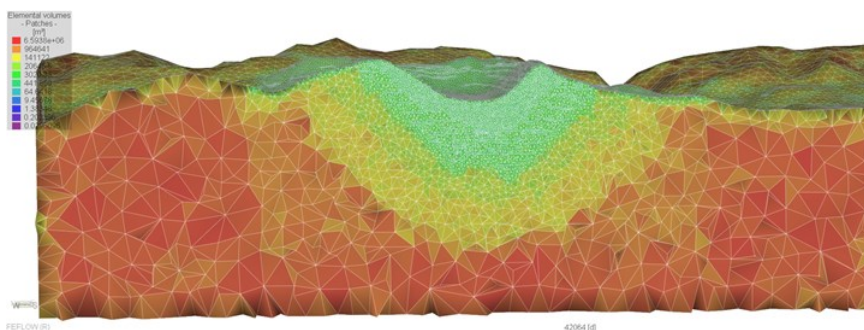
WEBINAR

THE ACADEMY  
by DHI

## FEFLOW

### Mine dewatering and pore pressure modeling in a complex geologic system

This free, one-hour webinar offers a case study of a state-of-the-art groundwater flow model that was developed in a complex hydrogeologic setting to improve pore pressure estimate reliability and optimise a dewatering system with respect to CAPEX and OPEX costs. The high-resolution 4D groundwater flow model for transient pit wall pore pressure and mine inflow estimates was developed for a large open pit mine in Peru.



The model includes the application of a fully unstructured mesh that honours the complex geologic model including the explicit incorporation of 56 faults in the pit area. The calibrated model was used to predict pit wall pore pressures through time and identify sectors that will require additional effort to depressurize.

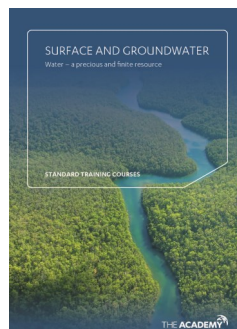
#### FACILITATOR

##### ROBIN MARC DUFOUR

Mr. Dufour is Managing Director at DHI Peru, leading a group of international experts in numerical modelling with a very high level of experience dealing with water in the mining sector.



Robin is lead numerical modeller for many groundwater projects in Peru and also internationally. He is currently finishing a regional-scale groundwater numerical model for the Cerro Corona EIA and Feasibility Study, for Goldfields La Cima.



See also our

[Surface and Groundwater Course Catalogue](#)

#### ORGANIZER

DHI US

#### TIME AND LOCATION

The webinar will take place on Thursday, February 7, 2019 15:00-16:00 UTC (see local time [here](#))

#### WEBINAR FEE

Participation in webinar is free of charge.

#### WEBINAR LEVEL

Intermediate

#### DEADLINE FOR REGISTRATION

Deadline for registration is Tuesday, February 5, 2019 on

<https://www.theacademybydhi.com/course-sessions/feflow-41600019-18>

#### LOGON DETAILS

Please see attached Technical Note.

#### FURTHER INFORMATION

Jennifer Mathers  
Marketing Director & ACADEMY Manager  
+1 720 386 5858 Telephone  
[jjma@dhigroup.com](mailto:jjma@dhigroup.com)

#### DHI US

141 Union Blvd. Suite 250  
Lakewood, CO 80228  
+1 303 937 4488 Telephone  
[info.us@dhigroup.com](mailto:info.us@dhigroup.com)  
[worldwide.dhigroup.com/us](http://worldwide.dhigroup.com/us)