



International Association of Hydrological Science

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Statistics in Hydrology Working Group



First STAHY Workshop
"New Statistical Tools in Hydrology"
Capri, October 13-14, 2008

DISPERSION MEASURES FOR FLOOD FREQUENCY ANALYSIS
Iwona Markiewicz, Witold Gustaw Strupczewski



Iwona Markiewicz



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ONE WAY OF MODELLING NON-EXCHANGEABLE RANDOM VARIABLES

Tomáš Bacigál, Radko Mesiar



Tomáš Bacigál,



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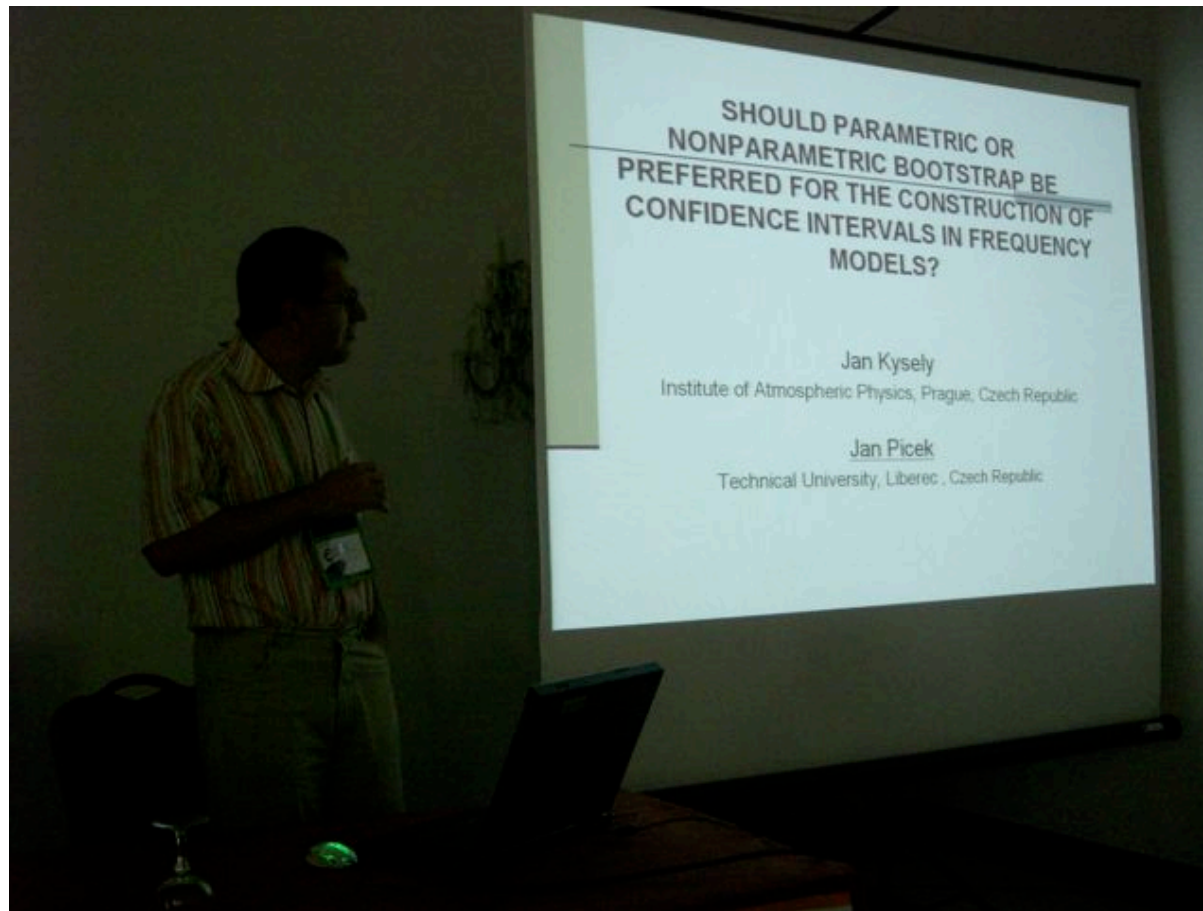
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SHOULD PARAMETRIC OR NON-PARAMETRIC BOOTSTRAP BE PREFERRED FOR ESTIMATING UNCERTAINTIES IN EXTREME VALUE MODELS?

Jan Kysely, Jan Picek



Jan Picek



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INVESTIGATION WITH KENDALL- PLOTS AND REGIONALIZATION OF INFILTRATION INDEX – MAXIMUM RAINFALL INTENSITY RELATION BY KENDALL'S TAU

Emna Ellouze-Gargouri, Zoubeida Bargaoui



Emna Ellouze-Gargouri,



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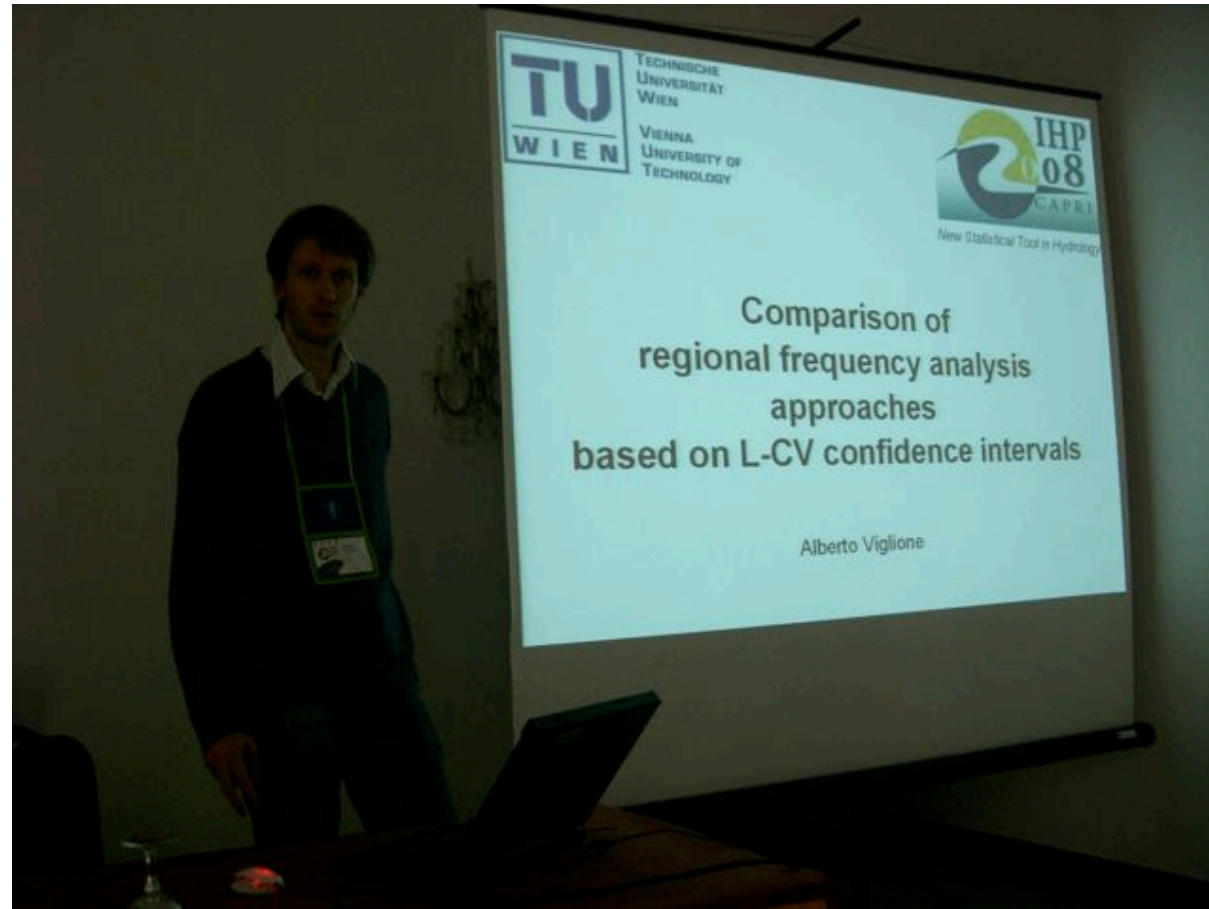
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COMPARISON OF REGIONAL FREQUENCY ANALYSIS APPROACHES BASED ON L-CV CONFIDENCE INTERVALS

Alberto Viglione



Alberto Viglione



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ANALYSIS OF A REGIONAL SYSTEM OF RIVER FLOWS BASED ON COORDINATED APPLICATION OF VARIOUS CLASSES OF MODELLING PROCEDURES.

Magdalena Komornikova, JOZEF KOMORNÍK, Danuša Szökeová



JOZEF KOMORNÍK



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IMPROVED MOMENT-SCALING ESTIMATION FOR STATIONARY MULTIFRACTAL MEASURES

Pierluigi Furcolo, Daniele Veneziano



Pierluigi Furcolo



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SPACE-TIME MODELLING OF HOURLY PRECIPITATION USING AN ALTERNATING RENEWAL MODEL WITH MULTI-SITE POSTERIOR RESAMPLING FOR DERIVED FLOOD FREQUENCY ANALYSIS

Uwe Haberlandt, Anna-Dorothea Ebner von Eschenbach, Imke Buchwald



Uwe Haberlandt,



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UNCERTAINTY ASSESSMENT IN HYDROLOGICAL FORECASTING THROUGH A STATISTICAL APPROACH
Alberto Montanari, Giovanna Grossi



Alberto Montanari



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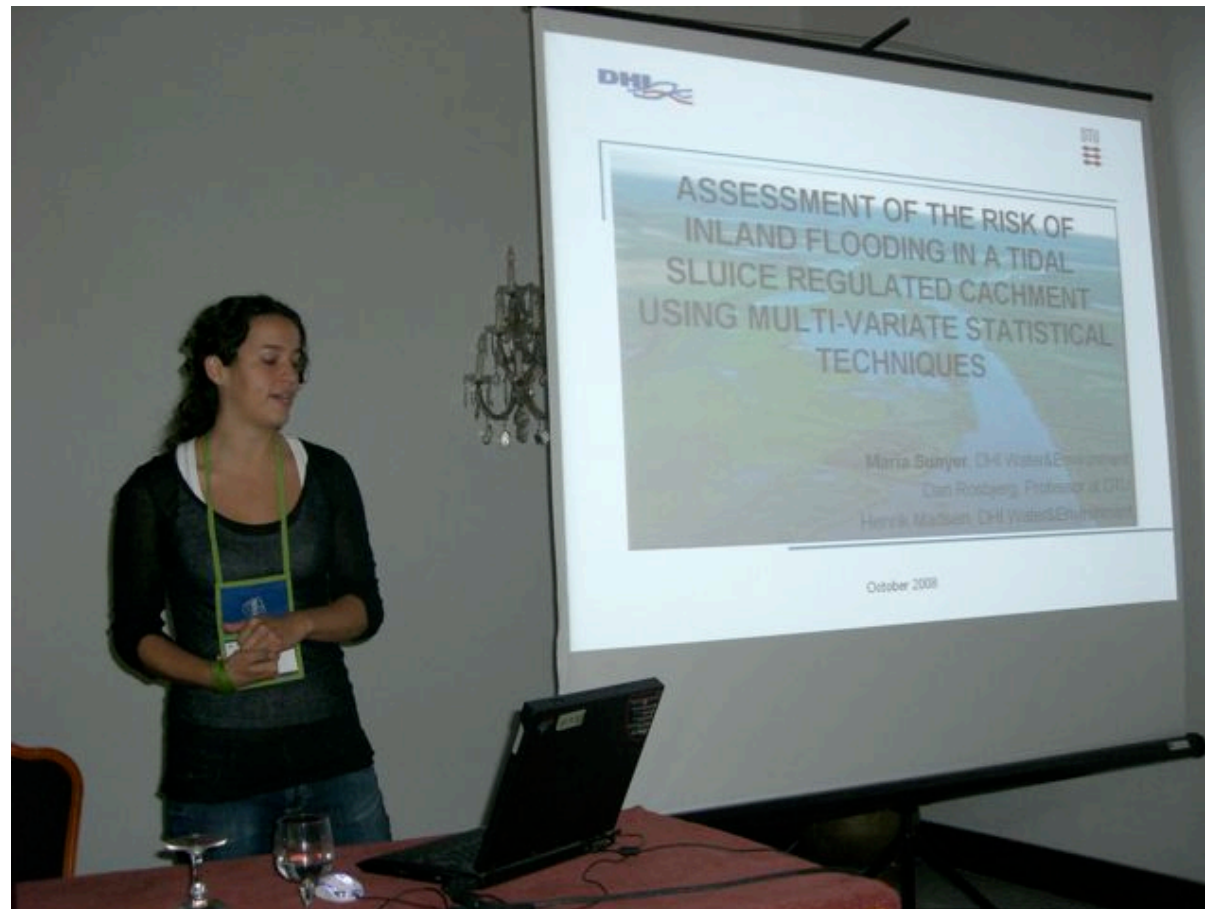
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ASSESSMENT OF THE RISK OF INLAND FLOODING IN A TIDAL SLUICE REGULATED CATCHMENT USING MULTI-VARIATE STATISTICAL TECHNIQUES

Dan Rosbjerg, Maria Antonia Sunyer Pinya, Henrik Madsen



, Maria Antonia Sunyer Pinya



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AN ATTEMPT TO RECONCILE THE PMF CONCEPT AND FLOOD FREQUENCY ANALYSIS THROUGH THE JOINT USE OF NON-SYSTEMATIC FLOOD INFORMATION AND AN UPPER-BOUNDED PROBABILITY DISTRIBUTION, WITHIN A BAYESIAN FRAMEWORK.

Wilson dos Santos Fernandes , Mauro Naghettiini, Rosângela Helena Loschi



Mauro Naghettiini



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MATHEMATICAL MODEL FOR THE PREDICTION OF THE PRECIPITATIONS EFFECTS

Dana Cristina Toncu, Alina Barbulescu



Alina Barbulescu