195 width	ID	Poster
Zebul Mo. Lingvoo Li. Greacov Boecher	- 10	Crowd-sourced data for appraising geotechnical safety and risk
Comparative analysis of dios and traditional methods for soil settlement monitoring in (wil infrastructure   ***********************************	18	
Study on seismic damage risk of piled raft foundations with grid-form dimws using machine learning surrogate model   Yoshimoso Shigeng, Tomoliro Tarikowa   Case Study: a practical assessment of geological and hydrogeological risk for efficient highway underpass design.   Georgia Des Jantics, Showa Boron, Effizimis Apostology   Case Study: a practical assessment of geological and hydrogeological risk for efficient highway underpass design.   Georgia Des Jantics, Show Boron, Effizimis Apostology   Case Study: a practical assessment of geological and hydrogeological risk for efficient highway underpass design.   Georgia Des Jantics, 1909.   Case Study: a practical assessment of geological and hydrogeological risk for efficient highway underpass design.   Georgia Des Jantics, 1909.   Case Study: a practical and practic	24	
Study on seismic damage risk of piled raft foundations with grid-form dmws using machine learning surrogate model of the provisions as Shapen. Transhiro Tomikowa Georgia De Sonctis, Shona Brown. Ethymis Apostolou (Incorporating model error into Bayesian calibration for a braced excavation problem (Incorporating model error into Bayesian calibration for a braced excavation problem (Incorporating model error into Bayesian calibration for a braced excavation problem (Incorporating model error into Bayesian calibration for a braced excavation problem (Incorporating model error into Bayesian calibration for a braced excavation problem (Incorporating model error into Bayesian calibration).  48 Random field parameter identification and monotion in the problem (Incorporation and Incorporation).  50 Risk-based slope stability criteria and instrumentation and monitoring requirements (Incorporation).  51 Risk-based slope stability criteria and instrumentation and monitoring requirements (Incorporation).  52 Risk-based slope stability criteria and instrumentation and monitoring requirements (Incorporation).  53 Risk-based slope stability criteria and instrumentation and monitoring requirements (Incorporation).  54 Robert (Incorporation).  55 Risk-based slope stability criteria and instrumentation and monitoring requirements (Incorporation).  56 Risk-based slope stability criteria and instrumentation and monitoring requirements.  57 Risk-based slope stability (Incorporation).  58 Risk-based slope stability (Incorporation).  59 Recognition of landside risk and interaction with arch bridges: lessons learned and methodological insights (Incorporation).  50 Risk-based slope stability (Incorporation).  51 Risk-based slope stability (Incorporation).  51 Risk-based slope stability (Incorporation).  51 Risk-based slope stability (Incorporation).  52 Risk-based slope stability (Incorporation).  53 Risk-based slope stability (Incorporation).  54 Risk-based slope stability (Incorporation).  55 Risk-based slope stability (Incorporation		
25	_	
Case study, a practical assessment of geological and hydrogeological risk for efficient highway underpass design.	35	
Georgia De Sonctis, Shana Brown, Ethymis Apostolou		
Incorporating model error into Bayesian calibration for a braced excavation problem   Ninguin Yong, Truong Le	42	
Remain field parameter identification and model selection using time-series pwp data   Hong-Hu Jie, Shui-Hua Jiang, Jinsong Huang   Hong-Hua Jie, Shui-Hua Jiang, Jinsong Huang   Risk-based slope stability criteria and instrumentation and monitoring requirements   Burt G. Look   Risk-based slope stability criteria and instrumentation and monitoring requirements   Burt G. Look   Risk-based slope stability criteria and instrumentation and monitoring requirements   Burt Jiang Jian		
### Random field parameter identification and model selection using time-series pwp data ### Hong-Hu Jie, Shui-Hua Jiang, Jinsong Huang ### The effect of coefficient of variation and distribution functions in determining characteristic values ### Surt G. Look ### Look ### Risk-Assade slope stability criteria and instrumentation and monitoring requirements ### Evan Ulimer, Lilianne Londry-Paré ### Risk-cost analysis of three mooring schemes of FOWTs with one mooring line failure ### Donating Cai, Wenjun Lu, Jinhui Li ### Impact of Soil spatial variability on the performance of suction caissons in sand ### Hongfor Jinao, Inhiboo Mo, Hooyuan Liu, Yu Feng ### Recognition of landslide risk and interaction with arch bridges: lessons learned and methodological insights ### Lovenzo Brezzi, Luca Simoni, Fabiola Gibin, Paolo Simonini ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Decoding transition mechanisms of selsmin response via Dynamic Mode Decomposition #### Albino Shiol, Yu Otoke, Kotoro Asano ### Prediction of Shar modulus reduction and damping curves for clayey soils using machine learning ### Julian Borderon, Julia Régaler, Natholie Duljour ### Prediction of Solar mediulus reduction and damping curves for clayey soils using machine learning ### Julian Borderon, Julia Régaler, Natholie Duljour ### Prediction of Solar membrane damping damping curves for clayey soils using machine learning ### Julian Borderon, Julia Refigaler,	46	
Hong-Hu Jie, Shui-Hua Jing, Jinsong Huang   The effect of coefficient of variation and distribution functions in determining characteristic values   Burt G. Look   Burt G. Look   Risk-based slope stability criteria and instrumentation and monitoring requirements   Evan Jimbe, Lillianne Landry-Paré   Risk-cost analysis of three mooring schemes of FOWTs with one mooring line failure   Donating Cai, Wenjun Lu, Jinhui Li   Impact of soil spatial variability on the performance of suction caissons in sand   Hongfen Zhoo, Jinhuia Mo, Hooyuan Liu, Yu Feng   Recognition of landsilder risk and interaction with arch bridges: lessons learned and methodological insights   Oceano Brezzi, Luco Simoni, Fabiolo Gibin, Paolo Simonini   Decoding transition mechanisms of seismic response via Dynamic Mode Decomposition   Alkhiro Shilo, Yu Otoke, Nation Asiano   Determination of moisture and density conditions in soil based on Al and radio waves   L. Wosner, A. Knut, R. Thiele, R. Fromm, and F. Derbel   Statistical analysis of landsilder risk assessment parameters for bridges and viaducts under new Italian guidelines   Fabio Gobriell, Fabiola Gibin, Alessandro Scala, Luco Simoni, Lorenzo Brezzi, Paolo Simonini   Prediction of Shear modulus reduction and damping curves for clayey soils using machine learning   Quant Zhang, Qunford Ju. Delu Che, Fel Wang   Quantifying effect of climate change under reduction   Quantifying effect of climate change on annual landslide probability at a specific slope   Xin Liu, Yu Wang, Dian-Cing Li   Punch-through risk assessment of spucans considering soil spatial correlations   Yuanyuan Wang, Jinhui Li, Weolub Lu   Punch Leh Che, Fel Wang   Punch-through risk assessment of spucans considering soil spatial correlations   Yuanyuan Wang, Jinhui Li, Weolub Lu   Quantifying effect of climate change on annual landslide probability at a specific slope   Xin Liu, Yu Wang, Dian-Cing Li   Punch-through risk assessment of spucans considering soil spatial correlations   Yuanyuan Wang, Jinhui Li, Weolub Lu   Yua	48	
The effect of coefficient of variation and distribution functions in determining characteristic values Butt G. Look  Risk-based slope stability criteria and instrumentation and monitoring requirements   Evon Ulmer, Lillianne Londry-Paré  Risk-cost analysis of three mooring schemes of FOWTs with one mooring line failure   Donatina Cai, Wenjun Lu, Jinhul Li  Impact of soil spatial variability on the performance of suction caissons in sand  Hongfen Zhoo, Jinholo Mo, Hooyuan Liu, Yu Feng  Recognition of landslide risk and interaction with arch bridges: lessons learned and methodological insights   Location Brezi, Luca Simoni, Fabrilog diship, Paolo Simonini  Bo Ecoding transition mechanisms of seismic response via Dynamic Mode Decomposition   Akkhiro Shidi, Yu Otoke, Kotoro Asono  Be Determination of moisture and density conditions in soil based on AI and radio waves   L. Wasser, A. Knut, R. Thiele, R. Fromm, and F. Derbel  Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines   robin Gobrieli, Fabriolo Gibin, Alessandro Scalo, Luca Simoni, Lorenzo Brezzi, Paolo Simonini  Prediction of shar modulus reduction and damping curves for clayey soils using machine learning   Ululen Borderon, Julie Reginer, Natholie Dufour   Prediction of cold wave-induced underground pipe failures under climate change using machine learning   Quantifying effect of climate change on annual landslide probability at a specific slope   Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods   Donating Zhen, Bo Zhong, Rick Chalaturnyk  Forecasting slope stability using digital twins   Luca Piciullo, Minu T. Abrahom, Ido N. Drøsdol  Luca Piciullo, Minu T. Abrahom, Ido N. Drøsdol  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy   Andrea Legan, Alessandro Fraccica, Vito Tagarelli, Jean Vounant, Manuela Cecconi  Enhancing landslide early		
Six-based slope stability criteria and instrumentation and monitoring requirements		
Risk-based slope stability criteria and instrumentation and monitoring requirements	49	
Evan Ulmer, Lilianne Landry-Paré		
Risk-cost analysis of three mooring schemes of FOWTs with one mooring line failure   Donating Cal. Wenjun Lu, Jinhui Li	50	
Donating Cai, Wenjun Lu, Jinhui Li   Impact of soil spatial variability on the performance of suction caissons in sand   Honofen Zhoo, Jinbiao Mo, Haoyuan Liu, Yu Feng		
Impact of soil spatial variability on the performance of suction caissons in sand Hongfen Zhoa, Jinbioo Mo, Hongvoan Liu, Yu Fina Para Recognition of landslide risk and interaction with arch bridges: lessons learned and methodological insights Lorenzo Brezzi, Luca Simoni, Fabiola Gibin, Paolo Simonini	52	
Hongfen Zhao, Jinbioo Mo, Hooyuan Liu, Yu Feng Recognition of landslide risk and interaction with arch bridges: lessons learned and methodological insights Lorenzo Brezzi, Luca Simoni, Fabiola Gibin, Paolo Simonini  Decoding transition mechanisms of seismic response via Dynamic Mode Decomposition Akihiro Shiol, Yu Otoke, Kotaro Asano  Bo Lemination of moisture and density conditions in soil based on AI and radio waves L. Wasner, A. Knut, R. Thiele, R. Fromm, and F. Derbel  Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines Fabio Gabrieli, Fabiolo Gibin, Alessondro Scola, Luca Simoni, Lorenzo Brezzi, Paolo Simonini  Prediction of shear modulus reduction and damping curves for clayey soils using machine learning Julien Borderon, Julie Régnier, Natholic Dufour  Prediction of cold wave-induced underground pipe failures under climate change using machine learning Giana Zhang, Qunfang Hu, Delu Che, Fei Wang Punch-through risk assessment of spucans considering soil spatial correlations Yuanyuan Wang, Jinhui II, Wenjum Lu  Quantifying effect of climate change on annual landslide probability at a specific slope Xin Liu, Yu Wong, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Then, Bo Zhang, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciulio, Minu T. Abraham, Ida N. Drasdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyana Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Younat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet		
	60	
	72	
Akihiro Shioi, Yu Otake, Kotaro Asano  Determination of moisture and density conditions in soil based on Al and radio waves  L. Wosner, A. Knut, R. Thiele, R. Fromm, and F. Derbel  Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines Fabio Gabrieli, Fabiola Gibin, Alessandro Scala, Luca Simoni, Lorenzo Brezzi, Paolo Simonini  Prediction of shear modulus reduction and damping curves for clayey soils using machine learning Julien Borderon, Julie Régnier, Nathalie Dufour  Prediction of cold wave-induced underground pipe failures under climate change using machine learning Qiang Zhang, Qunfang Hu, Delu Che, Fei Wang  Punch-through risk assessment of spucans considering soil spatial correlations  Yuanyuan Wang, Jinhui Li, Wenjun Lu  Quantifying effect of climate change on annual landslide probability at a specific slope Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhang, Rick Chalaturnyk  Porecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Sefet	/2	<u>Lorenzo Brezzi</u> , Luca Simoni, Fabiola Gibin, Paolo Simonini
Akihiro Shioi, Yu Otake, Kotaro Asano  Determination of moisture and density conditions in soil based on Al and radio waves  L. Wasner, A. Knut, R. Thiele, R. Fromm, and F. Derbel  Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines fabio Gabrieli, Fabiola Gibin, Alessandro Scala, Luca Simoni, Lorenzo Brezzi, Poolo Simonini  Prediction of shear modulus reduction and damping curves for clayey soils using machine learning Julien Borderon, Julie Régnier, Nathalie Dufour  Prediction of cold wave-induced underground pipe failures under climate change using machine learning Qiang Zhong, Qunfang Hu, Delu Che, Fei Wong  Prediction of cold wave-induced underground pipe failures under climate change using machine learning Qiang Zhong, Qunfang Hu, Delu Che, Fei Wong  Quantifying effect of climate change on annual landslide probability at a specific slope Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhang, Rick Cholaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepii, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupto, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majda Ahmad, Ronald B.J. Brinkpere, Bas (SAN) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves All Loshqari, Amin Ba	00	Decoding transition mechanisms of seismic response via Dynamic Mode Decomposition
Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines	80	<u>Akihiro Shioi</u> , Yu Otake, Kotaro Asano
Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines  Fobio Gabrieli, Fabiola Gibin, Alessandro Scala, Luca Simoni, Lorenzo Brezzi, Paolo Simonini  Prediction of shear modulus reduction and damping curves for clayey soils using machine learning  Julien Borderon, Julie Régnier, Natholie Dufour  Prediction of cold wave-induced underground pipe failures under climate change using machine learning  Qiang Zhang, Qunfang Hu, Delu Che, Fei Wang  Punch-through risk assessment of spucans considering soil spatial correlations  Yuanyuan Wang, Jinhui Li, Wenjun Lu  Vandifying effect of climate change on annual landslide probability at a specific slope  Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods  Dongming Zhen, Bo Zhang, Rick Chalaturnyk  Forecasting slope stability using digital twins  Luca Piciulio, Minu T. Abraham, Ida N. Drašdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading  Yu-Wei Hwang, Yu-Chen Fang, Wenyana Zhana  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy  Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and  real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Majid Ahmad, Ronold B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Loshgari, Amin Barari, Jannie Sanderkær Nielsen  Safety assessment of tensile elements and anchored structures  Modithias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg	0.5	Determination of moisture and density conditions in soil based on AI and radio waves
Fabio Gabrieli, Fabiola Gibin, Alessandro Scala, Luca Simoni, Lorenzo Brezzi, Paolo Simonini   Prediction of shear modulus reduction and damping curves for clayey soils using machine learning	85	<u>L. Wasner</u> , A. Knut, R. Thiele, R. Fromm, and F. Derbel
Prediction of shear modulus reduction and damping curves for clayey soils using machine learning Julien Borderon, Julie Régnier, Nathalie Dufour  Prediction of shear modulus reduction and damping curves for clayey soils using machine learning Julien Borderon, Julie Régnier, Nathalie Dufour  Prediction of cold wave-induced underground pipe failures under climate change using machine learning Qiang Zhang, Qunfang Hu, Delu Che, Fei Wang  Punch-through risk assessment of spucans considering soil spatial correlations  Yuanyuan Wang, Jinhui Li, Wenjun Lu  Quantifying effect of climate change on annual landslide probability at a specific slope Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhang, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drasdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupto, Neelima Satyam (presented by Minu Abraham)  Sessement of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Loshgari, Amin Barari, Jannie Sønderkær Nielsen  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaphae Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on des	07	Statistical analysis of landslide risk assessment parameters for bridges and viaducts under new Italian guidelines
123   Prediction of cold wave-induced underground pipe failures under climate change using machine learning Qiana Zhang, Qunfang Hu, Delu Che, Fei Wang  125   Punch-through risk assessment of spucans considering soil spatial correlations	67	<u>Fabio Gabrieli</u> , Fabiola Gibin, Alessandro Scala, Luca Simoni, Lorenzo Brezzi, Paolo Simonini
Prediction of cold wave-induced underground pipe failures under climate change using machine learning   Qiang Zhang, Qunfang Hu, Delu Che, Fei Wang	99	Prediction of shear modulus reduction and damping curves for clayey soils using machine learning
125 Qiang Zhang , Qunfang Hu, Delu Che, Fei Wang  Punch-through risk assessment of spucans considering soil spatial correlations Yuanyuan Wang, Jinhui Li, Wenjun Lu  Quantifying effect of climate change on annual landslide probability at a specific slope Xin Liu, Yu Wang, Dian-Qing Li  Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhang, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciulla, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashqari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	33	<u>Julien Borderon</u> , Julie Régnier , Nathalie Dufour
Punch-through risk assessment of spucans considering soil spatial correlations   Yuanyuan Wang, Jinhui Li, Wenjun Lu   Quantifying effect of climate change on annual landslide probability at a specific slope   Xin Liu, Yu Wang, Dian-Qing Li   Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods   Dongming Zhen, Bo Zhang, Rick Chalaturnyk     Forecasting slope stability using digital twins   Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal     Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading   Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang     Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy   Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi     Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and   real-time rainfall thresholds     Kunal Gupta, Neelima Satyam (presented by Minu Abraham)     Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines     Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman     Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves     Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen     Safety assessment of tensile elements and anchored structures     Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg     A simplified analytical framework for probabilistic assessment of land subsidence     Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi     A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	122	Prediction of cold wave-induced underground pipe failures under climate change using machine learning
134	123	<u>Qiang Zhang</u> , Qunfang Hu, Delu Che, Fei Wang
134 Quantifying effect of climate change on annual landslide probability at a specific slope  2	125	
Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhana, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwana, Yu-Chen Fana, Wenyana Zhana  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	123	Yuanyuan Wang, Jinhui Li, <u>Wenjun Lu</u>
Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods Dongming Zhen, Bo Zhang, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	134	
Dongming Zhen, Bo Zhana, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhana  To Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves All Lashagri, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		<u>Xin Liu</u> , Yu Wang, Dian-Qing Li
Dongming Zhen, Bo Zhana, Rick Chalaturnyk  Forecasting slope stability using digital twins Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhana  To Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves All Lashagri, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		Assessment of sources of uncertainty in reservoir geomechanical pressuremeter testing data using Bayesian methods
Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	148	Dongming Zhen, <u>Bo Zhang</u> , Rick Chalaturnyk
Luca Piciullo, Minu T. Abraham, Ida N. Drøsdal  Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Seismic interaction of offshore wind turbines with tripod bucket foundations on liquefiable soils under wind loading Yu-Wei Hwang, Yu-Chen Fang, Wenyang Zhang  Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	154	
170 Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  180 Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  189 Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  191 Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  194 A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Some remarks on the possible effects of vegetation cutting on the triggering of debris flows in central Italy  Andrea Lepri, Alessandro Fraccica, Vito Tagarelli, Jean Vaunat, Manuela Cecconi  Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	158	
Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Maid Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Enhancing landslide early warning systems: a dynamic slope unit-based model integrating susceptibility assessment and real-time rainfall thresholds  Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  180 Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  189 Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashqari, Amin Barari, Jannie Sønderkær Nielsen  191 Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  194 A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	170	, , , , , , , , , , , , , , , , , , , ,
real-time rainfall thresholds Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  180 Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  189 Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  191 Safety assessment of tensile elements and anchored structures Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  194 A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Kunal Gupta, Neelima Satyam (presented by Minu Abraham)  Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	177	
Assessment of sheet pile and cofferdam reinforced dykes in Plaxis 2d based on the dutch guidelines  Majd Ahmad, Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Majd Ahmad , Ronald B.J. Brinkgreve, Bas (S.N.) Jonkman  Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari , Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan , Hans-Peter Daxer , Markus A. Schuch , Clemens Klaas , Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi , Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width		
Seismic performance-based design of offshore foundations: insights from predictive model and fragility curves  Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	180	
Ali Lashgari, Amin Barari, Jannie Sønderkær Nielsen  Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	400	
Safety assessment of tensile elements and anchored structures  Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	189	
191 Matthias J. Rebhan, Hans-Peter Daxer, Markus A. Schuch, Clemens Klaas, Roman Marte, Franz Tschuchnigg  194 A simplified analytical framework for probabilistic assessment of land subsidence Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	101	
A simplified analytical framework for probabilistic assessment of land subsidence  Ali Golaghaei Darzi, Hamed Sadeghi, Habibollah Sadeghi  A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	191	
Ali Golaghaei Darzi, Hamed Sadeghi, <u>Habibollah Sadeghi</u> A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack width	40:	
195 width	194	
	195	A machine learning based surrogate model for predicting the influence of environmental conditions on desiccation crack
Ali Mahammadi Kamizii, Milad Jahharzadah, Hamad Cadaahi, Hahihallah Cadaahi		
үнн монаттий каттур, мнаа зарвагиаен, патеа зааедт, <u>павтонан зааедт</u>		Ali Mohammadi Kamizji, Milad Jabbarzadeh, Hamed Sadeghi, <u>Habibollah Sadeghi</u>

196	Assessing the impact of extreme cold waves on buried water pipelines: an integration of historical pipe failure and 3d simulation  Olawale O. Ayinde, Qunfang Hu
198	Risk analysis of a tailings dry stack using pc-kriging method
	A. L. M. Halabi, A. T. Beck, <u>A. T. Siacara</u>
	Data-driven dynamic hybrid Bayesian network and random forest models for risk assessment of the operational condition
199	of water supply pipeline networks
	Qunfang Hu, Zhiheng Zhang, Fei Wang, <u>Zhan Su</u>
	Influence of the embedment condition to the safety of buried ductile iron pipeline
209	<u>Che-Yu Chana</u> , Hsuan-Chih Yang
	Comparative reliability assessment of unsaturated soil slopes between form, sorm, and pce-enhanced mcs
212	Abdul Waris Kenue, B. Munwar Basha
213	Leveraging uavs and machine learning for enhanced landslide detection and risk management
	<u>Sahil Kundal</u> , Alok Bhardwaj
220	A probabilistic analysis for evaluating the risk of building damage induced by liquefaction settlement
220	<u>Wan-Ying Chien</u> , Yu-Chen Lu, Jia-Jyun Dong, C. Hsein Juang, Wen-Yi Hung, Yong-Ming Tien
	Intermediable structural health manifesting of vivalines exectings for the resing distributed strain and temperature consing
230	Interpretable structural health monitoring of pipelines crossings faults using distributed strain and temperature sensing
	<u>Shih-Hung Chia</u> , Maksymilian Jasiak, Kenichi Soga
	Ground movement monitoring using multiple view geometry: an experimental study using Sandbox
234	Qingyu Ren, <u>Hui Wanq</u>
	Climate-adaptivity of landslide risk mitigation measures: framework and preliminary validation
	<u>Vittoria Capobianco</u> , Chiara de Bartolo, Vito Tagarelli, Marco Uzielli, Julia-Isabelle Ruopp, Patrizia Vitale, Amirreza
240	Pourfatollah, Elham Mahmoudi, Alessandra Insana, Tamara Bračko, Leyla Nik, Fabien Szymkiewicz, Hauke Zachert, Marco
	Barla, Bojan Žlender, Hjördis Löfroth
249	Soil layer classification from cone penetration test data: a cpt-as-image paradigm
	Jinzhang Zhang , Charles W.W. Ng, Hongwei Huang
254	Calibration of partial safety factor for cpt-based axial pile capacity design methods
	Zhongqiang Liu , Farrokh Nadim, Suzanne Lacasse
258	Predicting pore pressure at varying depths in a Norwegian railway project
236	<u>Eivind Stein</u> , Per-Anders Hermanrud, Minu Treesa Abraham, Daniel Ryghseter, Thomas Pabst
274	Data driven based spatio-temporal quantification and prediction of landslide susceptibility for the Himalayan region
271	Ankit Tyagi , Reet Kamal Tiwari, Naveen James
	Predicting settlements development under road embankment using probabilistic models
274	Hilde Aas Nøst , Åse Marit Wist Amdal, Anteneh Biru Tsegaye, Priscilla Paniagua
277	Evaluation of seismic slope stability through rock mass classification and newmark's model along north western Himalayas
2//	<u>Ashraf Hafiz Shoaib</u> , Y. Chiranthan, G. Sivakumar
	Using machine learning to identify the distribution of fouled ballast in railway foundation
279	,
	Raihan Valentino Jaya Saputra, <u>Chihping Kuo</u>
282	Probability distributions for geometrical characteristics of lunar lava tube collapses
	<u>Marcin Chwała</u> , Kamil Górniak
285	ECP-debris-barrier: optimal debris-flow barrier design framework
205	<u>Enok Cheon</u> , Seung-Rae Lee, Hwan-Hui Lim
200	Risk-based prioritisation for the installation of debris flow early warning systems in drainage catchments
299	Marco Redaelli , Rodolfo Rani, Elena Ioriatti & Matteo Berti
	Hierarchical Bayesian modelling for uncertainty quantification in simplified tunnel deformation models
310	Yelu Zhou , Xinyu Jia, Iason Papaioannou, Dongming Zhang, Hongwei Huang, Daniel Straub
	TDR centrifuge permeameter modelling for hydraulic characteristics measurement of unsaturated soil
361	Andhy Setyo Raharjo, Chung Chih-Chung
	Effect of non-plastic fines and cyclic stress ratio on post-cyclic resistance of Bushehr calcareous sand
366	
	Elham Ghanbari Alamouti, Reza Ziaie Moayed, & Seyed Abolhasan Naeini
367	Seismic site response of regions in northern Bihar
	R V S Jenny Laura , Abhileen Chatterjee, Dasari Nithin, Abhishek Kumar
380	Influence of grain shape on the liquefaction susceptibility of dump soils in the lusatian mining district (Germany) -
	methodological approach
	Gundula Erdmann, <u>Flora Feitosa Menezes</u> , Maike Groeschke
382	Continuous prediction of creep in a slope utilizing inclinometer data
302	<u>Per-Anders Hermanrud</u> , Daniel Ryghseter, Eivind Stein, Minu Treesa Abraham, Thomas Pabst

	The distribution characteristics of large landslides along the Dadu river in the eastern Tibetan platean and their effects on
389	landscape evolution
	Meifang Bian, <u>Xiaoli Chen</u>
391	Predicting geohazards from geoenvironmental data and machine learning techniques: a methodological approach Julio Cesar Lana
392	Evaluation of the susceptibility chart to gravitational mass movements using geotechnical soil characterization tests  Cabral, <u>Douglas da Silva</u> , Ladeira, Francisco Sérgio Bernardes, Miguel, Miriam Gonçalves
395	Physics-aware directional importance sampling for slope reliability analysis <u>Tao Wana</u> , Jason Papaioannou, Kai Cheng, Jian Ji
396	Proposal for AIC in a reduced-order model based on proper orthogonal decomposition
	<u>Yusuke Fukunaga</u> , Naoki Sumioka, Yu Otake, Noriki Sugahara, Masafumi Miyata
397	Effect of anisotropy spatial variability of multi-layered soil on the bearing capacity of offshore single pile composite
	foundation
	Xuejian Chen, Yueying Wang, Shunping Ren, Hoang Nguyen, Xingsen Guo, Rita Leal Sousa (presented by <u>Yu Feng</u> )
405	A Bayesian generalised linear regression model for predicting grout over-consumption in offshore piles installed in rock
	<u>Kathy Ziwei Wen</u> , Ewan James Stockwell, Jonas Van Damme, Amin Rismanchian, Abbass Tavallali
410	Case study of a rainfall induced landslide at Negarden Sander, Eidsvoll, Norway
	<u>Håkon Heyerdahl</u>