



Thursday June 22nd						
Higher School of Technology Salé, Conference hall						
08:00-09:30	Welcome & Registration					
09:30-10:30	Opening ceremony					
10:30-11:00	Welcome reception					
Chairperson: Pr Khadija BABA - Pr Latifa OUADIF						
11:00-11:30	Plenary lecture 1 Mounir BOUASSIDA: "Hidden disaster: Expansive clays"					
11:30-12:00	Plenary lecture 2 Martin CYR: "Low-carbon binders and concretes"					
12:00-12:30	Plenary lecture 3 Anas EMRAN "Satellite radar images: an essential tool for geological and hydrogeological studies in desert environments"					
12:30-13:30	Oral communications-Session 1 (Conference Hall)			Oral communications-Session 2 (Hall 60)		
Pr Lahcen BAHY - Pr Abderrahman NOUNAH			Pr Nouzha LAMDOUAR - Pr Latifa ZERROUK			
	KHANFRI Chaimae	T04-095	Study of the mechanical behavior of the calcarenite rocks of the historic monument: case Chellah Rabat	BOUZEKRAOUI Mostapha	T05-089	Basement structure of the Tinghir- Errachidia-Boudenib basin (Pre-African Trough, Morocco)
	BEN CHARHI Omar	T05-011	Modeling the fatigue behavior of pavement using the finite element method	ES-SAMLALI Lahcen	T05-096	valorization of steel slag in road technology
	KHLIFATI Oumaima	T05-035	Automatic pavement distress detection and classification using Deep Convolutional Neural Network with transfer learning	SOUDDI Sabir	T05-100	Geological and structural study of the Eastern zone of Jbel Al Orf, Anti Atlas, Morocco
	MAJDOULINE Chadia	T03-037	Physicochemical characterization of organic materials intended to be composted and their crucial role in waste management.	BEL- LAHBIB Sanae	T05-112	Assessment of soil quality by Modeling soil quality index and mapping soil parameters using IDW interpolation in Moroccan Semi-Arid
	BERKAT Badr	T03-001	Evaluation of the Liquefaction Potential of the Alluvial Soils of OuedSebou in Morocco by Semi-Empirical Methods	EL KHOUNAVJRI Hayat	T05-113	GIS and remote contribution to the sedimentological and geominerall study of the Benguerir phosphate
	BACHGUAR Imane	T03-067	Application Artificial Neural Networks of web post buckling resistance in stainless steel cellular beams	ZERRADI Youssef	T05-118	Slope stability assessment using slope mass rating (SMR), key block theory and kinematic analysis: a case study
13:30-14:30	Lunch					
14:30-16:00	Oral communications-Session 1 (Conference Hall)			Oral communications-Session 2 (Hall 60)		
Pr Ahmed AKHSSAS - Pr Abdelaziz LAHMILI			Pr Nouzha LAMDOUAR - Pr Latifa ZERROUK			
	HNIAD Othmane	T03-138	Foundations On Rocky Sites: Behavioral Differences And Optimization of Shallow Foundation Systems With And Without Connecting Sleeper Beams On Sandstone Formation	IDRISSI DAHMANI Nousseir	T05-126	Apport de l'intelligence artificielle dans le choix des systèmes de fondation en tenant compte de l'interaction sol structure
	DOUGHMI Khaoula	T03-061	Effect of curing conditions on the mechanical properties of geopolymer binder based natural Moroccan pozzolan	BAIDDAH Abdeslam	T05-141	The contribution of GIS and remote sensing in the study of the impact of climate change on water erosion: Cas of the watershed of Chichaoua (western High Atlas, Morocco).
	EL MAJID Ahlam	T03-013	The effect of plastic fibers on the swelling qualities of a clayey, marly soil	NAFOURI Imane	T05-120	Application of remote sensing, spectrometric analysis and x-ray diffraction to mining exploration in the Jbel Saghro area
	RAZZOUK Yassine	T03-049	Analyzing the Influence of Bracing Types on the Overall Displacement of Reinforced Concrete Buildings	BOUKER Hatim	T05-026	Les instabilités des talus routiers cas de la RN 12 entre El Ksiba et Imilchil
	EL AICHOURI Ibtihal	T05-142	Feasibility study of hydrogen storage in salt cavities	BOUZAYANE Reda	T05-028	Control of slope stability following rain fall by the observational method
	ISMAILI Mohammed	T04-077	Diagnosis and treatment of pathologies of buildings in Morocco	TALBI Oumaima	T05-040	Dynamique et evolution du littoral de la ville de Salé
	EDDEQAQI Rabab	T02-152	Resilience and Adaptation of Road Infrastructures to Climate Change in Morocco	ABOULFARAJ Abdelfattah	T05-084	Contribution de la Télédétection et la Géologie Structurale à la Cartographie des Fractures Tectoniques dans la Région de Zat (Haut Atlas Occidental, Maroc)
	CHAARI Kawtar	T05-003	La cartographie de l'hydrographie linéaire à l'aide de lidar aéroporté	AMAGROUD Said	T04-121	Seismic vulnerability of historical buildings in Marrakesh city.
	M'HAMDI ALAOUI Ilham	T05-133	Application of geophysical and remote sensing data for mapping and mining exploration of the Tazekka Massif (Eastern Middle Atlas, Morocco).	EL HASNAOUI Yassine	T04-066	Diagnostic du kasbah de Taourirt
	MAHANI Narimane	T02-010	Wood waste reuse for acoustic insulation panels in residential buildings	NOUBAT Soukaina	T04-070	Risks related to the presence of underground cavities.
16:00-16:30	Poster + Coffee break					
16:30-18:00	Oral communications-Session 1 (Conference Hall)			Oral communications-Session 2 (Hall 60)		
Pr Abdelaziz LAHMILI - Pr Mohamed MENZHI			Pr Nouzha LAMDOUAR - Pr Latifa ZERROUK			
	BACHGUAR Imane	T03-132	Web post buckling resistance prediction models of stainless-steel cellular beams using machine learning	EL BOUFILI Hind	T03-125	Using a vitreous phase to limit the corrosion of ordinary steel in acidic medium: an electrochemical study.
	BENNOUNA Rhita	T03-007	Reinforcement of a rock mass slope by active tie rods and analysis of its behavior under tensioning: A case study	KHLIFATI Oumaima	T05-160	Recognition of concrete Pavement Cracks Utilizing a Deep Convolutional Neural Network Optimized by Grid Search
	ELMENNAOUI Fatima	T03-069	Investigation of uniform corrosion effect in steel-concrete interface	HABOUBI Chaimae	T03-111	Thermo-mechanical characterization of a bio-composite building material based on Cannabis fibers and clay
	OUMOU Abdellah	T05-016	Contribution of geospatial tools and modelling to the assessment and spatio-temporal monitoring of daily evapotranspiration over an agricultural area subject to climate change: case of Saiss basin, Morocco.	RABOULI Mohamed	T03-021	Chemical characterization of port dredged sediments for valorization as construction materials
	ABIOUI Mohamed	T05-134	Characterisation and origin of Iron-titanium sands of the Atlantic beaches between Tan-Tan and Tarfaya, Moroccan Sahara	LATIFI Fatima Ezzahraa	T03-042	Liquefaction hazards using in-situ tests and numerical modeling in "El-Hachef Valley " Morocco
	ZIRAQI Adil	T03-041	Evaluation de performance parasismique d'une structure portique en béton armé renforcée par des matériaux composites	M'HAMDI Youssa	T02-159	Optimization of building envelopes types for maximizing the energy saving
	ABOUMDIAN Said	T03-022	Methods for estimating the natural frequency of earth dams : current state of practice and perspectives	SOUFI Amine	T03-137	Friction bolt bearing capacity in rock masses of varying RMR quality and intercepted anisotropy angles: An experimental study in an underground mine
	MOUJANE Said	T03-083	Sedimentological and lithostratigraphic study of Paleocene- Eocene of Imiter and Foum El Kous, the southern flank of the Central High Atlas, Morocco	FELAOUI Khadija	T03-047	Eco-friendly geopolymer concrete based on blast furnace slag activated by Moroccan diatomite gel
	MEHDI Mohammed amine	T05-149	Modeling post-Covid 19 variability of potholes based on visual inspection results: GIS approach	NAKACH Issam	T02-071	A smart efficient traffic light scheduling in Morocco
	AFNZAR Sana	T03-023	Dynamic parameters identification of RC structure using multidimensional modeling	LIHI Khadija	T02-114	Growth media in anaerobic digestion processes: The underestimated potential of anaerobic digestion of sewage sludge
	HOSSAYNI Khalid	T03-014	Classification géomécannique du massif rocheux Ighrem Aousser site minier de la Compagnie Minière de Toussit.	HEMED Ahmed	T03-144	Effect of overstress on slope stability in a fractured massif
				ALOUANE Ayoub	T01-019	Conception d'un modele de prevention contre les risques d'inondations : utilisation de l'AHP et des algorithmes de l'apprentissage automatique
				HAMDI Inass	T02-115	Estimating The Bioenergy Potential Of Solid And Liquid Olive Crushing Residues In Morocco: Anaerobic Digestion And Methane Production

Friday June 23rd, Delivery of certificates						
Higher School of Technology Salé						
Chairperson: Pr Khadija BABA - Pr Latifa OUADIF						
08:30-09:00	Plenary lecture 1 Monica SIROUX: "Advances in photovoltaic thermal hybrid solar collectors"					
09:00-09:30	Plenary lecture 2 Mohammed GAROUM: "Measurement of thermal and acoustical properties of building materials "Techniques – Modelling, Sensitivity analysis and inverse estimation"					
09:30-10:00	Plenary lecture 3 Rachid HAKKOU: "Mining and industrial waste: a new resource for sustainable construction"					
10:00-10:30	Plenary lecture 4 Mohammed Othman ALJAHDALI: "Rare Earth Elements and Bioavailability in Red Sea Mangroves, Saudi Arabia"					
10:30-10:45	Coffee break & Posters					
10:30-12:00	Oral communications-Session 1 (Conference Hall)			Oral communications-Session 2 (Hall C)		
Pr Mohamed ROUGUI - Pr Najma LAAROUSSI			Pr Khadija BABA - Pr Mohamed KHAMAR			
	CHERKAOUI Marwane	T02-064	Impact of different north wall materials on the thermal environment in a solar greenhouse	EL OMARI Soufian	T02-099	The influence of the ratio of different granules of local expanded materials on the thermal conductivity and diffusivity of gypsum-clay composites
	ERAZA Najoua	T02-079	The Energy Rehabilitation of a Riad R+1 located in the Mediterranean Climate	MAAKOUL Othmane	T02-116	Application of an artificial neural network and RMS method to optimize the biogas production from co-digestion
	EL KHARRAS Ibrahim	T02-145	Sound absorption and transmission of homogeneous and heterogeneous micro-perforated panels	ARBAOUI Noura	T02-143	Heating performance of a solar system to overcome temperature drops during the winter period
	OUKMI Hasna	T01-068	Summer and winter performance of a Trombe wall using Designbuilder.	AMOUCHE Said	T02-146	Drought Variability in The South-Ouest Of Morocco (GULMIM- SIDI IFNI and AGADIR) Recent and Future Trends
	JEBLI Taoufik	T02-136	First Step towards Ecological Heating in Green School Procurement relating to Operations and Maintenance: A Case Study	ELHALLAB Rahma	T02-015	Household and similar Waste management in Rabat (Morocco)
	SALAMI Younes	T03-090	Conceptual modelling of the effects of moisture on particle breakage	KAMMOU Lhoussaine	T03-012	Sustainable management of household and similar waste in the cities of the Beni Mellal - Khenifra region (Morocco): A comparative study
	SALEK Hajar	T02-038	Repurposing Moroccan Khetara for Thermal Comfort	EL HAMDOUNI Soraya	T01-050	Quelle qualité de l'air au niveau pont Hassan II (Salé- Rabat)
				KHNAJER Btissam	T01-060	Elaboration d'un programme de dimensionnement des stations d'épurations et de traitement des boues
10:30-12:00	Oral communications-Session 1 (Hall 60)			Oral communications-Session 2 (Hall D)		
Pr Essediya CHERKAOUI - Pr Latifa OUADIF			Pr Ahmed AKHSSAS - Pr Ouafa ELHAMMOUMI			
	DOUGHMI Ayoub	T01-029	Influence of organic household waste composts and olive pomace on the germination and growth of Fenugreek seeds	MGHARI Oumayma	T03-123	Heat treatment of high manganese austenitic steel: STRUCTURAL AND MECHANICAL PROPERTIES

	AZZOUZI Soukayna	T01-053	Effect of ascorbic acid on chromium remediation in Fenugreek	HADEK Ali	T05-076	L'application du Shoreline Analysis System DSAS pour l'étude du recul de trait de côte à TANGER.
	CHARI Zineb	T01-151	Dessalement au Maroc	EL MEZRIAHY Youssef	T03-081	Évaluation de l'effort sismique et de la stabilité structurelle des bâtiments en béton armé
	EL MEKKAOUJI Anas	T01-051	Optimisation de l'extraction de trois plantes de la région de Taounate : Arbutus unedo, Myrtus communis et Inula viscosa	BOUACHERAA Rachida	T03-109	Elaboration of sustainable lightweight aggregates based on residual materials with lower energy consumption
	IDBENDRISS Mybrahim	T01-075	Écologisation du secteur de trituration des olives au Maroc: enjeux et contraintes d'adaptation : Cas de la Province de Taounate.	MIRI Hanane	T03-140	Fired clay bricks from oulad mansour neogene clays (NORTHEASTERN MOROCCO): Mineralogy, microstructure and physico-structural properties
	TOKATLI Cem	T01-098	Quality Assessment in Terms of Agricultural Water Supply and Macro Element Contents in Water of Çorlu Stream (Thrace Region, Türkiye)	TOUZANI Abdelaziz	T01-104	Study of the conformity of the purified water of the wastewater treatment plant of the city of Fes.
	SOUJI Hamza	T01-105	Hydraulic study of fan spillway using Computational fluid dynamics (CFD)	ESSAHLAOUI Narjisse	T01-018	Cartographie du risque d'inondation par l'utilisation combinée de la modélisation hydraulique et de la géomatique, cas de la ville de Meknès, Maroc
	TOKATLI Cem	T01-097	Accumulation of Potentially Hazardous Elements in Water of A Significant Reservoir in Marmara Region of Türkiye	AIT EL HAJ Fatima	T01-056	Driving Factors and Future Prediction of Land Use and Cover Change Based on Satellite Remote Sensing Data by the LCM Model: A Case Study from Lakhdar Basin, Morocco
	IJUL Safae	T01-017	Machine Learning algorithms and SINTACS method for groundwater pollution risk assessment, case of Saiss Basin, Morocco.	HAIMOUD Assia	T01-091	Etude multi-échelle de l'érosion de contact solide /fluide au sein des ouvrages hydrauliques
				AZDINE Ilhame	T03-045	Finite element modelling of steelconcrete adhesion
10:30-12:00	<b>Oral communications-Session 1 (Hall 1)</b>			<b>Oral communications-Session 2 (Hall 2)</b>		
	<b>Pr Abdelaziz LAHMILI - Pr Mohamed MENZHI</b>			<b>Pr Nouzha LAMDOUAR - Pr Latifa ZERROUK</b>		
	KHALDI Loubna	T01-102	The Assessment of Future Rainfall Changes Based on the Statistical Downscaling Model (SDSM): The Case of the region of Fez-Meknes, Morocco	EL OUALI Anas	T01-101	Flow direction using remote sensing and field observation in the High Atlas of Midelt (South-East Morocco)
	ELMOUDNIA Hicham	T01-078	Alkaline treatment on cellulosic fibers extracted from the Moroccan Pennisetum Alopecuroides plant : chemical and morphological characterization	AMMARI Malika	T01-108	L'utilisation des tests de bio-augmentation dans le traitement des margines
	TOUDAMRINI Hanane	T01-086	Application of machine learning algorithms (random forest) for mapping groundwater potentiality, Mejjat, Marrakech, Morocco	HAMDAOUI Hajar	T01-117	The Benefits and Challenges of Implementing AI Technology in Hydroponic Farming
	BOUISS Hanae	T01-087	Simulation hydraulique bidimensionnelle des crues torrentielle d'oued Larbaa et ses affluents à Taza- Prérif du Maroc	EZZAERI Kabira	T01-124	Photovoltaic greenhouses: A smart use of the land
	TOUISS Youssef	T01-088	Vulnerability Quantification of the Surface water of the Kharroub Watershed	EL YAKOUBI Nosair	T01-129	Biosorption potential of Ziziphus lotus Fruit for the removal of Heavy metals
	EL BERGUI Selma	T02-039	Evaluation of the thermal and acoustic performances of compressed earth blocks (CEBs) stabilized by lime and perlite fiber	CHAOUI Ayoub	T01-130	Application of factorial experimental design to optimize methane generation from poultry by-products
	DANIYAN Ayodele	T01-065	Development of a Novel Indigenous Water Atomizer for Pipeline Corrosion Control towards Sustainable Clean Environments	MOUSSI Rkia	T01-080	Evaluation and mapping of water erosion rates in the watershed of the oued ZA RIVER (North Eatern Morocco)
	EL ALAOUI Meryem	T02-009	Evaluation of window-blind's effectiveness on reducing total energy consumption of a library building for different slat angles	KHANA Hind	T02-036	Development of a 3D BIM-BEM approach for the modeling and simulation of indoor thermal comfort: case of residential building.
	EL BAQQAL Youssef	T02-139	Analysis of wind energy production in five cities in the southern region of Morocco.	KASMI Houcine	T02-092	Impact assessment of climate change on building energy performance in Morocco
				IDRISSI Youssef	T01-057	Sources de perturbation du littoral Marocain : Region de Rabat
				ELKAFZ Ghizlane	T01-043	Effect of olive oil extraction system on the physicochemical and microbiological characterization of olive mill wastewater
13:00-15:00	<b>Lunch</b>					
15:00-16:00	<b>Closing Ceremony and Best Prize Announcement</b>					
16:00-19:00	<b>Cultural heritage sightseeing ( check the website)</b>					

<b>Saturday June 24th</b>						
<b>Sightseeing ( check the website)</b>						