



الجمهورية الجزائرية الديمقراطية الشعبية
وزارة التعليم العالي والبحث العلمي
جامعة قسنطينة 3 - صالح بونيدر
معهد تسيير التقنيات الحضرية



مخبر الاستشراق الجغرافي والبيئة والتنمية (LAGED)
بالشراكة مع

مركز البحث في تهيئة الإقليم (CRAT)
ينظمان مؤتمرا دوليا حول:

المياه، تغير المناخ، البيئة والاستدامة - التحديات والآفاق



13 و 14 أكتوبر 2025

اليوم العالمي للوقاية من الكوارث الطبيعية

برنامج المؤتمر



v Democratic and Popular Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Constantine 3 Salah BOUBNIDER
Urban Technical Management Institute



Laboratory of Geo-prospective, Environment and Development (LAGED)

In partnership with:

The Territory Planning Research Center (CRAT)
Organize an international seminar on:

**WATER, CLIMATE CHANGE, ENVIRONMENT AND SUSTAINABILITY
CHALLENGES AND PROSPECTS**
October 13 and 14 2025



PROGRAMME





Monday 13th October 2025

Timing		Event
8:00	8:30	<p>Welcome and Registration of participants Link: :meet.google.com/mmy-nmvc-pir Location: Bernslitane conference room (IGTU)</p>
8:30	9:00	<p>Opening ceremony and official speeches Recitation of some verses from the Holy Quran</p> <p>Speech by Mr. The Rector of the University Salah BOUBNIDER, Constantine 3 Prof Chaabane BEAITICHE</p> <p>Speech by Mr. The Director of the IGTU Dr. Salim BRAGDI</p> <p>Speech by Ms. The President of the Symposium Dr Latifa BOULAHIA</p>
<p>Moderators: Dr Nabil MENCHAR Reporter: Dr Oussama Med Sedik BELEHMADI</p>		
9:00	9:30	<p>1st Plenary Prof Farès KESSASRA, University of JIJEL "GROUNDWATER NITRATE POLLUTION: NUMERICAL MODELING AND VULNERABILITY IN THE NORTH-EAST PART OF ALGERIA"</p>
9:30	10:00	<p>2nd Plenary Prof Sonia Dridi-DHAOUADI, University of Monastir- IPEIM " REINVENTER LA TEINTURE TEXTILE FACE AUX DEFIS CLIMATIQUES ET HYDRIQUES : LA VOIE DU CO₂ SUPERCRITIQUE"</p>

10:00	10:30	<p align="center">3th Plenary Dr. Ismail DABANLI, Istanbul Technical University (Turkey) CLIMATE CHANGE IMPACTS EVALUATION OF UNESCO-LISTED CULTURAL HERITAGE IN TÜRKIYE</p>
10:30	11:00	DEBATE AND COFFEE BREAK
Moderators: Prof Rokia BOUADAM, Reporter: Dr Foued BOUZEHZEH		
11:00	11:30	<p align="center">4th Plenary Djamal BENGUESMIA framework of studies at the National Office for Studies and Rural Development (BNEDER Algeria) CLIMATE CHANGE AND ITS IMPACT ON FOOD SECURITY IN ALGERIA</p>
11:30	12:00	<p align="center">5th Plenary Mme Doria ADMAN (GIZ Algeria). “Assessing Climate Risks with GIS : A Use Case from the UrbA-CliMa Project ”</p>
12:00	12:30	<p align="center">6th Plenary (on line) Prof Carlo Prével, PhD MAPDATA Laboratory (Methodologies for Assisting the Decision-Making Process in Spatial Planning and Applications) UQAT, Canada REFLEXIONS SUR LES ENJEUX DE LA RECHERCHE EN SCIENCES DU TERRITOIRE : PERSPECTIVES POUR L'AIDE A LA DECISION TERRITORIALE</p>
12:30	13:00	DEBATE
13:00	14:00	LUNCH
ORAL SESSIONS		



AXIS 1: EXTREME EVENTS AND CLIMATE CHANGE, IMPACTS AND ACTIONS

SESSION 1:

Moderator: Dr. Oualid MEDDOUR


Reporter : Mme Halima ZAIDI

Amphi 300

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N°	Timing		Authors	Titles	Affiliation
01	14:00	14:10	Sonia MAKHLOUFI 1, Roukia BOUADAM 2 ,	RECYCLING INERT WASTE: A SUSTAINABLE STRATEGY TO PRESERVE NATURAL RESOURCES THE CASE OF INERT WASTE IN THE TOWN OF ALI MENDJELI	1 2 LAGED laboratory, IGTU, UC3 University, Algeria sonia.makhloufi@univ-constantine3.dz
02	14:10	14:20	Aissa BENHAMMDA 1	NATURAL HAZARDS ASSOCIATED WITH CLIMATE CHANGE CASE STUDY: FLOODS IN THE CITY OF TEBESSA (ALGERIA): BETWEEN PROACTIVE MEASURES AND IMPLEMENTATION EFFECTIVENESS	IGTU, Oum el bouaghi. Algeria benhammada.aissa@gmail.com
03	14:30	14:40	Roubila CHAOUCHE TEYARA Rabia CHEROUANA Oumaima BENHAMMOU	ALGERIAN URBAN TERRITORIES FACING THE CHALLENGE OF CLIMATE CHANGE	Centre for Research in Spatial Planning (CRAT)/ FSTGAT, Constantine 1 university roubila.chaouche.t@crat.dz
04	14:40	14:50	Nadjet BOURAGBA 1 , Mohamed KACIMI 2	STUDY OF LANDSLIDE MECHANISMS AT THE SITE OF 440 OPGI HOUSING UNITS IN DELLYS, BOUMERDÈS: IMPACT OF DROUGHT AND HUMIDITY VARIATIONS ON CLAYEY MARL.	Département de géologie, Université Sétif 1, Sétif. 2 Département des sciences Géologiques, FSTGAT, Université Constantine 1 bngéologie@gmail.com



05	14:50	15:00	Malika LARGAT 1 Meriem BENLAHRECHE 2 Soumia DJOUABLIA 3	THE ENVIRONMENT IN THE FACE OF URBAN ACTIVITY	IGTU, Oum el bouaghi. University/ Labo LAUTES Constantine 3 University, Algeria meriem.benlahreche@univ-ueb.dz	
06	15:00	15:10	Rabiaa DEBBACHE 1, Khaled Abed Alfettah GASSI 2	ASSESSMENT OF THE FLOOD RISK AND ITS PREDICTABILITY: CASE OF THE COMMUNE OF FOUKA ON MAY 25, 2023	Constantine 1 university Direction Météorologique Région Est debbacherabaa@yahoo.fr	
07	15:10	15:20	Amel Bourahla Hadjer Laoufi Sihem Ziouche	IMPACT OF CLIMATE CHANGE ON AGRICULTURE IN THE SEMI-ARID REGIONS OF ALGERIA (1901-2020)	Online Department of Agronomic Sciences & LCVRN Laboratory, University of Bordj Bou Arreridj, Algeria amel.bourahla@univ-bba.dz	
15:20		15:30	DEBATE			
15:30		15:40	COFFEE BREAK AND SESSION POSTER			
 <p>AXIS 2: IMPACT OF CLIMATE CHANGE ON THE ENVIRONMENT SESSION 1 Moderator: Prof Fares KESSASRA Reporter : Dr Adel DAIKH Location: Bernslitane conference room meet.google.com/mmy-nmvc-pir</p>						
N°	Timing	Authors	Titles		Affiliation	

01	14:00	14:10	Hafida ACHOURI, D,jamila DJAGHROURI Moussadek BENABBAS	SYSTEMATIC LITERATURE REVIEW : OUTDOOR THERMAL COMFORT IN PUBLIC SPACES IN ALGERIA	LACOMOFA Laboratory, University of Mohamed Khider Biskra, Algeria hafidha.achouri@univ-biskra.dz
02	14:10	14:20	Mohamed DASSAMIOUR 1 Rédha BOUSTILA 2 Mahrez BOULABEIZ 3	ÉTUDE STATISTIQUE DE LA GÉOCHIMIE DU CADMIUM ASSOCIÉ AUX ; PHOSPHATES SÉDIMENTAIRES	LGE laboratory, Constantine 1 university/ University of Ferhat Abbas Sétif 1/3 University of Abbas Laghrour Khenchela, Algérie mohamed.dassamiour@umc.edu.dz
03	14:30	14:40	Noura DJAMAA 1.2 Seyf Eddine MERZOUG 2.3 Chaima LABADLA	L'ETUDE DE LA QUALITE PHYSICOCHIMIQUE ET BACTERIOLOGIQUES DES EAUX ISSUES (LIXIVIAT) AU NIVEAU DE CENTRE D'ENFOUISSEMENT TECHNIQUE MILA	Centre universitaire Abd El Hafid Boussouf Mila/Université 8 mai 1945 Guelma n.djamaa@centre-univ-mila.dz
04	14:40	14:50	Malika LARGAT 1 Soumia DJOUABLIA2 & Meriem BENLAHRECHE3	URBAN VULNERABILITY TO CLIMATE CHANGE: STUDY OF FLOOD RISK IN THE NEW TOWN OF ALI MENDJELI	IGTU, Oum el bouaghi. University/ Labo LAUTES Constantine 3 University, Algeria soumia.djouablia@univ-constantine3.dz
05	14:50	15:00	Imen SOUKEHAL 1 Roukia BOUADAM 2 Halima ZAIDI3	SNGID 2035 IN ALGERIA: A LEVER FOR CLIMATE CHANGE MITIGATION	LAGED laboratory, IGTU, Constantine 3 University, Algeria imen.soukehal@univ-constantine3.dz
06	15:00	15:10	Sihem GHERFI 1 Souad HAOUARI 2	THE IMPACT OF HOUSEHOLD WASTE ON THE ENVIRONMENT IN THE CITY OF CONSTANTINE	Urban Planning Laboratory. FSTGAT, University of Constantine1 gherfi.sihem@gmail.com

07	15H10	15H20	Sandra BOUSSETTI 1	TERRITORIAL STRATEGIES FOR SUSTAINABLE MANAGEMENT OF WATER RESOURCES IN THE FACE OF CLIMATE CHANGE IN SEMI-ARID ENVIRONMENT IN ALGERIA: THE CASE OF THE WILAYA OF CONSTANTINE.	IGTU, Oum el bouaghi. University, Algeria boussetti.sandra@yahoo.fr
15:20		15:30	DEBATE		
15:30		15:40	COFFEE BREAK AND SESSION POSTER		
SESSION 2 Moderator : Dr.Nedjoudj BOUARROUDJ, Reporter : Mr.Toufik AMIRECHE Location: Bernslitane conference room meet.google.com/mmy-nmvc-pir					
01	15H40	15H50	Laala Ahmed 1, Adimi Amina 2	MODELLING THE POTENTIAL DISTRIBUTION OF A THREATENED ALGERIAN ENDEMIC SPECIES (CEDRUS ATLANTICA) UNDER DIFFERENT CLIMATE CHANGE SCENARIOS: IMPLICATIONS FOR CONSERVATION	Online 1 Laboratory (LSNM), University Center, Mila 2 Department of Plant Biology and Ecology, University, Sétif a.laala@centre-univ-mila.dz
02	15H50	16h00	Abderahim El Mehdi BELLAREDJ	THE EFFECTS OF CLIMATE CHANGE ON GROUNDWATER QUALITY IN SEMI-ARID ZONES-CASE STUDY FROM THE TAFRAOUI-TLELAT PLAIN OF ORAN (NORTHWESTERN ALGERIA).	Online Laboratory SNMASAZ, Institute of Sciences, University Center Salhi Ahmed of Naâma (Ctr Univ Naama), Algeria. bellaredj.a@cuniv-naama.dz
03	16h10	16h20	Wafa MEDJITNA, Ali SAIDOU,	POLLUTION MARINE DANS LA VILLE PORTUAIRE DE SKIKDA, MULTIPLES ALEAS ET ENJEUX.	Online université d'Alger2 Ecole normale supérieure, Bouzareah wafa.medjitna@univ-alger2.dz

04	16h20	16h30	Mohammed RABHI 1, Sidi Mohamed GHOMARI 1	SURFACE WATER EXTENT OF A NORTHWESTERN SALT LAKES IN ALGERIA AND EVALUATION FOR ITS SUITABILITY FOR ARTEMIA BRINE SHRIMP PRODUCTION OVER 2016-2025.	Online Abdelhamid Ibn Badis University, Mostaganem, Algeria. rabhi.mohammed.etu@univ-mosta.dz
05	16h30	16h40	Karima YOUNICI 1, Anissa KHELLADI 2, Nacera MAHFOUD 3	PLANETARY LIMITS AND THE CHALLENGES OF SUSTAINABLE DEVELOPMENT	Online Université Abderrahmane Mira de Bejaia. karima.benhattab@univ-usto.dz
06	16h40	16h50	Foudil KHALED 1, Oualid MEDDOUR 2, Amar AMIR 3 Fatih SAMAI 4,	CHANGEMENTS CLIMATIQUES EN ALGÉRIE, COMPRENDRE LES ENJEUX ET GÉRER LES CONSÉQUENCES: ÉLÉMENTS DE RÉFLEXION	1 LAGED/IGTU/UC3 2 LABTERDIR/IGTY/ UC 3 3 LAGED/IGTU/UC3 4 (GAT) Université Batna 2. foudil.khaled@univ-constantine3.dz
07	16h50	17h00	Abdelhafid BOUGASSA	LE LITTORALE DE LA WILAYA DE JIJEL :DEVELOPPEMENT SOCIOECONOMIQUE ET PERSPECTIVES DE RESILIENCE	Institut de Gestion des Techniques Urbaines, Université Constantine 3, Algérie. abdelhafid.bougassa@univ-constantine3.dz

DEBATE

AXIS 3: HYDROLOGY, HYDROGEOLOGY AND WATER. CURRENT RESOURCE ISSUES AND CHALLENGES

Moderator : Dr. Omar REDJAL

Reporters : Mme Amina BENAMIRA

Location : AMPHI 2

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N°	Timing	Authors	Titles	Affiliation
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01	14:00	14:10	M S O BELAHMADI, Ala ABDESSEMED, Nabil CHARCHAR, Abdelfettah GHERIB.	EVALUATION DE LA CONTAMINATION DES EAUX MARINE DE LA BAIE DE SIKKDA (ALGÉRIE) PAR LES REJETS D'UNE RAFFINERIE PÉTROLIÈRE	Centre de recherche en biotechnologie (C.R.Bt), Constantine, Algérie. msobelahmadi@gmail.com
02	14:10	14:20	Naama KACHA 1, Mahrez BOULABEIZ 2 Laiche AOUIDANE 2, Nesrin LAKHZOUM 3	HYDROGEOCHEMICAL CHARACTERIZATION AND WATER RESOURCE CHALLENGES IN THE EL MAHMEL PLAIN AQUIFER, NORTHEASTERN ALGERIA	Abbes Laghrour University, Khenchela/, Laboratory of Functional Ecology and Environment, University Larbi Ben Mhidi of Oum El Bouaghi, Algeria. naama.kacha@univ-khenchela.dz
03	14 :30	14 :40	Ahmed ALLIOUCHE (1), Mohamed Ikkal FARAH (1)	PROTECTION OF WATER RESOURCES AND ENVIRONMENTAL PRESERVATION IN THE CONTEXT OF CLIMATE CHANGE: THE CONTRIBUTION OF GEOMATICS TO THE SUSTAINABLE PLANNING OF TECHNICAL LANDFILL SITES IN CONSTANTINE	Centre de Recherche en Aménagement du Territoire (CRAT), Algérie. allioucheahmed1982@gmail.com
04	14:40	14:50	Zakarya MAOU(1), Ahmed BOUGHERARA(2), Yahiaoui HABIBI(3)	LES ZIBAN: UN MILIEU RICHE ET VULNERABLE (POTENTIALITES ET CONTRAINTES)	1.2 LASTERNE Laboratory, Constantine 1 university/ 3 LRNAT Laboratory, Batna-2, Algeria zakiapc83@gmail.com
05	14:50	15:00	Lotfi KEBAILI, Lydia OGAL	INTEGRATING AND REHABILITATING WATERWAYS IN URBAN ENVIRONMENTS: A STRATEGIC IMPERATIVE FOR A SUSTAINABLE CITY	Department of Geography and Regional Planning, University of Oum El Bouaghi, Algeria. lotfikebaili@gmail.com
06	15:00	15:10	Rayene LAMRI	URBANIZATION AND THE WATER CYCLE	LAGED laboratory, IGTU, UC 3 University, Algeria rayene.lamri@univ-constantine3.dz



07	15 :10	15 :20	Bahaedine HAMIDA (1), Ahmed ALLIOUCHE (2), Mohamed Ikkal FARAH (2)	MONITORING THE DYNAMIC OF ATLAS CEDAR FORESTS IN THE HODNA REGION USING MACHINE LEARNING AND TIME SERIES ANALYSIS	1 Laboratoire d'Ecologie Fonctionnelle et Environnement Université Oum El Bouaghi. hamida.bahaedine@univ-ocb.dz 2 Centre de Recherche en Aménagement du Territoire (CRAT), Algérie.
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DEBATE

COFFEE BREAK AND SESSION POSTER

**AXIS 4. DATA ACQUISITION, ARTIFICIAL INTELLIGENCE, REMOTE SENSING,
ENVIRONMENTAL MONITORING AND GEOSPATIAL ANALYSIS**

Moderators: Prof Sonia DRIDI-DHAOUADI

Reporter : Dr. Ahmed ALLIOUCHE

AMPHI 2

N°	Timing		Authors	Titles	Affiliation
01	14:00	14:10	Nabil MANCHAR ¹, Mohamed Kacimi² Badreddine SAADALI¹	ASSESSMENT OF THE NEOTECTONIC ACTIVITY IN THE RHUMEL-MERZOUG BASIN IN NORTHEASTERN ALGERIA USING GEOMORPHIC INDICES.	1Department of Geology, Faculty of Earth Sciences and Architecture, Oum El Bouaghi University Algeria. 2Dadeo of Geological Sciences, Faculty of Earth Sciences of Geography and Spatial Planning, University Frères Mentouri, Constantine 1, Algeria.
02	14:10	14:20	Zohra NEMILI 1 Houria BAAZI 2	USE OF GEOGRAPHIC INFORMATION SYSTEMS AND SPATIAL ANALYSIS FOR GROUNDWATER QUALITY MAPPING: CASE OF THE KHENCHLA WILAYA, ALGERIA.	Laboratory (LRNAT), Faculty of Technology, Department of Hydraulic, University of Batna 2, Algeria. z.nemili@univ-batna2.dz
03	14:30	14:40	Radia BOUARROUDJ¹, Imen BENDJMILA², Kenza BOUARROUDJ³	L'IA ET L'APPRENTISSAGE AUTOMATIQUE DANS LA SCIENCE CLIMATIQUE	UC3 University, Faculty of Architecture and Urban Planning of Architecture / ² UC3 University, Faculty of Architecture and Urban Planning of Architecture / ³ University, Abdel Hamid Mehri Constantine 2 radia.bouarroudj@univ-constantine3.dz

04	14:40	14:50	Omar REDJAL 1 Adel DAIKH 2 Djamel ALKMA 3	DATA ACQUISITION AND ARTIFICIAL INTELLIGENCE (IA) FOR INTELLIGENT URBAN WASTE MANAGEMENT: THE EXAMPLE OF THE NEW CITY OF ALI MENDJELI (CONSTANTINE)	IGTU/ LAEEE & LAGED laboratories, UC3 University/ Guelma university omar.redjal@univ-constantine3.dz
05	14:50	15:00	Faïcel TOUT 1 Nouh REBOUH 2 Haythem DINAR 3 Yacine BENZID 4	ASSESSING THE ROLE OF ANNUAL RAINFALL MAPS IN MULTI-CRITERIA ANALYSIS FOR IDENTIFYING FLOOD-PRONE AREAS	Centre for Research in Spatial Planning (CRAT) tout.faicel@gmail.com
06	15:00	15:10	Adel DAIKH 1 Omar REDJAL 2 Samira DEBACHE 3 Larbi MEDDOUR 4	MONITORING THE AGGLOMERATION OF CONSTANTINE THROUGH REMOTE SENSING AND GEOSPATIAL ANALYSIS	1.3 LAGED Laboratory/ 2.AEEE Laboratory/4. Guelma university adel.daikh@univ-constantine3.dz
07	15:10	15:20	Latifa BOULAHIA 1 Ahmed ALLIOUCHE 2 Haïthem BERGUELLAH 3	MACHINE LEARNING APPROACH FOR SOIL EROSION MODELING BASED ON RUSLE IN SKIKDA WILAYA, NORTHEAST ALGERIA	1LAGED Laboratory 2CRAT center 3LAGED Laboratory
08	15:20	15:30	Badreddine SAADALI 1,2 Derradji El Fadel 3 Nabil MANCHAR 1 Benslama Marwa 1,2	ASSESSMENT OF GROUNDWATER QUALITY AND NITRATE HEALTH RISKS IN A SEMI-ARID REGION (AIN BEIDA, NE ALGERIA)	1Department of Geology, Oum El Bouaghi University Algeria. 2 Natural Resources and Management of Sensitive Environments Laboratory, Oum El Bouaghi University, Algeri 3 Department of Geology, Annaba University, Algeria badreddine.saadali@univ-ueb.dz
DEBATE					
COFFEE BREAK AND SESSION POSTER					

AXIS 5 : DEVELOPMENT OF RENEWABLE ENERGIES (OR ENERGY TRANSITION)

Moderator: Dr Ismail DABANLI,
Reporter : Dr Yasser BENZAGOUTA
 Localisation: Ahcen BENMICI room

N°	Timing		Authors	Titles	Affiliation
01	14:00	14:10	Leila BENSMAIN 1, Noureddine YASSAA 2, Meryem SABER 3	DES DECHETS VERS L'ENERGIE	Houari Boumediene university (USTHB), STAT department/ faculty of chemistry. (USTHB)/ 3 Center for the development of renewable energies, Algiers, Algeria lbensmain@yahoo.fr
02	14:10	14:20	Islam BOUKHELKHAL 1, Rafik BOUDJADJA 2, Imene BENSID 3	VALORISATION DU PATRIMOINE ARCHITECTURAL A TRAVERS LA MODELISATION DES STRATEGIES BIOCLIMATIQUES TRADITIONNELLES DANS LE SUD ALGERIEN	1 Département d'architecture, UC 3 University, Algérie. /2 Département d'architecture, Université Larbi Ben Mhidi, Oum El Bouaghi, Algérie. 3 IGTU, UC 3 University, Algérie. islam.boukhelkhal@univ-constantine3.dz
03	14:20	14:30	Aicha BENZAZZOZ 1 Narjes BENANI 2	THE ROLE OF THE PRIVATE SECTOR IN THE ENERGY TRANSITION IN ALGERIA: MANAGEMENT OF LANDFILL CENTERS AND BIOGAS RECOVERY FROM WASTE	LAGED laboratory, IGTU, UC 3 University, Algeria aicha.benazzouz@univ-constantine3.dz
04	14:30	14:40	Sara SAHNOUNE 1, Sarah BENHARKAT 1, Ahmed Mohamed Salah CHERIET 2	SEASONAL VARIATIONS IN THE CORRELATIONS BETWEEN LAND SURFACE TEMPERATURE AND VEGETATION COVER IN CONSTANTINE, ALGERIA	ABE Laboratory/ IGTU, 2UC3 University, , Algeria sara.sahnoune@univ-constantine3.dz
05	14:40	14:50	Sarah BENHARKAT 1 Rabeh Borhane Eddine BENAISSA 2	ASSESSMENT OF THE ENERGY POTENTIAL OF AGRICULTURAL BIOMASS IN ALGERIA	ABE Laboratory/LAGED Laboratory, UC3, Constantine sarah.benharkat@univ-constantine3.dz

06	14:50	15:00	Karima YOUNICI 1, Anissa KHELLADI 2, Nacera MAHFOUD 3	HUBBERTS PEAK AND PLANETARY LIMITS: CHALLENGES FOR A SUSTAINABLE DEVELOPMENT MODEL	Online Université Abderrahmane Mira de Bejaia. younici anissa.khelladi@univ-bejaia.dz karima.younici@univ-bejaia.dz
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DEBATE

COFFEE BREAK AND SESSION POSTER

AXIS 6. URBAN HEAT ISLANDS: PROSPECTS, CHALLENGES AND POTENTIAL

Moderator: Dr Aicha DJEGHAR

Reporter : Dr Soumia MOSBAH

Library room

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N°	Timing	Authors	Titles	Affiliation
01	14:00 - 14:10	Fouzia BOUCHERIBA	RAPPORT ENTRE L'ÎLOT DE CHALEUR URBAIN ET LA GEOMETRIE URBAINE CONSTAT, INVESTIGATIONS ET RESULTATS	ABE Laboratory, Constantine 3 university fouzia.boucheriba@univ-constantine3.dz
02	14:20	Samira LOUAFI 1 Anouar Khallil BELMILI 2	ASSESSMENT OF THE INFLUENCE OF VARIOUS GREEN SPACE CONFIGURATIONS ON THE URBAN HEAT ISLAND AND URBAN CLIMATE IN A SEMI-ARID REGION: THE CASE OF AIN SMARA (ALGERIA)	ABE Laboratory/Department of Urban Technology and Environment, Constantine 3 university samira.louafi@univ-constantine3.dz
03	14:20 - 14:30	SOUALAH Amira 1 SOUALAH Louiza 2 BOUSSOUF Mouatez Billah 3	THE SPATIAL CIRCULARITY INDEX: A DECISION-SUPPORT TOOL FOR THE REDEVELOPMENT OF UNDERUSED URBAN AREAS WITHIN A CIRCULAR ECONOMY FRAMEWORK	1 Faculty of Architecture and Urbanism, AVMF Laboratory. University of Constantine 3, 2 LAGED Laboratory. 3 Faculty of Architecture and Urbanism, AVMF Laboratory. University of Constantine 3, Amira.soualah@univ-constantine3.dz

04	14:30	14:40	Lamia MANSOURI ¹ , Radia BOUARROUDJ ² , Kenza BOUARROUDJ ³	ÎLOTS DE CHALEUR URBAINS EN CLIMAT SEMI-ARIDE : CADRE THEORIQUE ET STRATEGIES D'ATTENUATION – CAS D'ETUDE CONCEPTUEL DE CONSTANTINE	¹ Alger 1 University, Department of Architecture/ UC3 University, Faculty of Architecture and Urban Planning of Architecture / ³ University, Abdel Hamid Mehri Constantine 2 radia.bouarroudj@univ-constantine3.dz
05	14:40	14:50	Darda BENCHEIKH Lina CHAOUI	PARKLETS AS URBAN COOL SPOTS: A TACTICAL URBANISM INTERVENTION TO MITIGATE URBAN HEAT ISLANDS.	Online Department of Architecture, University of Amar Telidji Laghouat/ETAP laboratory, Architecture and urbanism institute, University of Saad Dahleb, Blida,Algeria. d.bencheikh@lagh-univ.dz
06	14:50	15:00	Taous KADDOUR 1, Nassima CHAHER-BAZIZI 1, Samir ZEGGANE 2 , Achour CHERGUI 3,	VALORIZATION OF SARDINE DIGESTIVE PROTEASES FOR SUSTAINABLE AQUACULTURE IN ALGERIA	Online 1, 2 SNVI, University of / 3 University of Bouira/ 4 Mouloud Mammeri University, Tizi-Ouzou taous.kad4@gmail.com

DEBATE



COFFEE BREAK AND SESSION POSTER

ORAL SESSION ONLINE

Link: <https://meet.google.com/csf-ewbg-nhx>

President: Dr Nabil CHARCHAR

Reporter : Dr Rayene LAMRI

video conference room

AXIS 3: HYDROLOGY, HYDROGEOLOGY AND WATER. CURRENT RESOURCE ISSUES AND CHALLENGES

N°	Timing	Authors	Titles	Affiliation
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01	14:00	14:10	Souad MOUASSA 1 Souad BENKEROURA 2 Mansour ZAAGANE 2	ÉVALUATION DE LA POLLUTION ORGANIQUE, MICROBIOLOGIQUE, DEGRE D'EUTROPHISATION ET RISQUE SANITAIRE DES EAUX DU BARRAGE DE CHEURFAS II (NORD – OUEST ALGERIEN)	Université de Mascara, Algerie, Laboratoire de Géomatique, Ecologie et Environnement souad.mouassa75@gmail.com
02	14:10	14:20	Souad BENKEROURA 1 Souad MOUASSA 2 Sabria BEKOUSA 3	EVALUATION OF POLLUTION DEGREE BY NEMEROW INDEX AND HEALTH RISK FOR NITRATES AND PHOSPHATES IN CHEURFFAS II DAM WATERS.	Université de Mascara, Algerie, Laboratoire de Géomatique, Ecologie et Environnement benkerouras@gmail.com .
03	14:20	14:30	Fatiha DILMI 1 Djamila MESSEKINE 1 Chentouf Khadidja 1 Khadidja SENOUCI-REZKALLAH 2 souad MOUASSA 1 Bengarnia BENMERINE 1	APPLICATION OF THE CANADIAN INDEX AND THE WATER QUALITY INDEX TO ASSESS THE WATER QUALITY OF THE BAKHADDA DAM (WESTERN ALGERIA).	University of, Mascara, Faculty of Natural and Life Sciences, Geomatics, Ecology and Environment Laboratory. 2. Département de sciences naturelles Université de Quebec en Outaouais. E-mail : fatiha_dilmi@yahoo.com
04	14:30	14:40	Manal DJEMA, Abdelmadjid DROUCHE	MAPPING THE SENSITIVITY OF GROUNDWATER IN THE NADOR PLAIN TO NITRATE POLLUTION USING AN AHP-GIS APPROACH	Mouloud Mammeri university of Tizi Ouzou. manal.djema.hydro@gmail.com
05	14:40	14:50	Zohra ABDELKRIM 1	HYDROLOGICAL MODELING OF THE KÉBIR-RHUMEL BASIN USING GEOGRAPHIC INFORMATION SYSTEMS (GIS)	IGTU, University of M'sila zohra.abdelkrim@univ-msila.dz
06	14:50	15:00	Yousra MANADI 1, Ali BELMEZITI 1, Bernard DE GOUVELLO 2	MANAGING INTERMITTENT WATER SUPPLY: HOUSEHOLD COPING STRATEGIES AND CO-PRODUCTION OF DRINKING WATER	1Laboratory O.V.A.M.U.S, University of Blida, Algeria/ 2Center for Studies and Expertise on Risks, Environment, Mobility, and Planning (Cerema), Territorial Directorate for Île-de-France, Trappes, France yousra20161997@gmail.com

07	15H00	15H10	Zahra FERHI 1 Abdelmalek BEKKOUCHE 2	TOWARDS SUSTAINABLE AND INTEGRATED WATER RESOURCES MANAGEMENT IN ALGERIA: CHALLENGES, OPPORTUNITIES AND FUTURE PATHWAYS	Abou Bekr Belkaid University, Tlemcen, Algeria. zahraafer@gmail.com
15H10	15H20	DEBATE			
15H20	15H40	COFFEE BREAK AND SESSION POSTER			
ORAL SESSION ONLINE AXIS 4. DATA ACQUISITION, ARTIFICIAL INTELLIGENCE, REMOTE SENSING, ENVIRONMENTAL MONITORING AND GEOSPATIAL ANALYSIS Moderators: Dr Nabil CHARCHAR Reporter 1: Dr Sonia MAKHLOUFI video conference room https://meet.google.com/csf-ewbg-nhx					
01	15H40	15h50	Amina MAZIGHI, Mohamed MEDDI ¹ , Hind MEDDI ¹ .	ADVANCING INFILTRATION MODELING IN THE MITIDJA PLAIN: A COMPARATIVE STUDY OF TRANSFORMER-BASED, ANN, AND ELM MODELS	¹ Higher National School of Hydraulics of Blida, Algeria a.mazighi@ensh.dz
02	15h50	16h00	Fatiha NADIR 1 Ali BELMEZITI 1	GIS AS AN ESSENTIAL TOOL FOR INTELLIGENT AND SUSTAINABLEMANAGEMENT OF URBAN WATER	Laboratory O.V.A.M.U.S, University of Blida, Algeria nadirfatiha1990@gmail.com
03	16h00	16h15	Hayet BOUZAR-YAGOUNI 1, Rabah ALLEM Si Hamoud Samy BELKADI	WHEN URBANIZATION THREATENS AGRICULTURAL LAND IN THE MITIDJA PLAIN	Houari Boumediene university (USTHB) STAT department. bouzarhayet@gmail.com

04	16h10	16h20	Imene SENADI 1*, Ayoub ZEROUAL 1, Hind MEDDI 1	PREDICTING LAND USE AND LAND COVER CHANGES IN THE MITIDJA PLAIN USING MACHINE LEARNING TECHNIQUES AND SENTINEL-2 IMAGERY.	1Higher National School for Hydraulics, Water and Environmental Engineering Laboratory (GEE), Blida Algeria i.senadi@ensh.dz
05	16h20	16h40	Serine BELHANI	AI and Remote Sensing for Port Flood and Sea-Level Rise Risk Assessment	LAGED Laboratory, UC3/ University of Paris 8 Serinebelhani2@gmail.com
06	16h40	16h50	Hanane BOUTAGHANE 1 Chourouk BOUTTABA	URBAN EXPANSION AND ITS IMPACT ON URBAN LAND USE THE CASE OF BORDJ BOUARRÉRIDJ, ALGERIA	IGTU, University of M'sila hananeboutaghane71@gmail.com

ORAL SESSION ONLINE
AXIS 5 : DEVELOPMENT OF RENEWABLE ENERGIES (OR ENERGY TRANSITION)

07	16h50	17h00	Younes SAHLI 1, Leila BOUCHAMA 2, Ouahiba BOUCHAMA 3	MODELING URBAN ENERGY TRANSITION: A SPATIAL AND SCENARIO-BASED APPROACH FOR HYDRA, ALGIERS	1 ZIANE ACHOUR University of Djelfa 2 Université USTHB- Alger 3 ENS Bouzareah .Alger l.bouchama@yahoo.fr
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DEBATE



Session 2 (POSTER ONLINE)
Link: <https://meet.google.com/ehc-terv-gie>
Moderator: Dr Aicha BENAOUZ
Reporter : Mme Hanane HAZMOUN
Multi Media room

01	14:00	14:10	Jihène KHALIFA	ANALYZING THE ASYMMETRIC EFFECT OF RENEWABLE ENERGY CONSUMPTION ON ENVIRONMENTAL QUALITY IN TUNISIA : A NARDL APPROACH	Faculty of Economics and Management of Sousse, University of Sousse, Tunisia. jihenekhalifa.jk@gmail.com
02	14:10	14:20	Zohra EL FARES	MAPPING AND ANALYSIS OF SOIL SALINITY IN NORTHERN ALGERIA USING REMOTE SENSING: AN INNOVATIVE APPROACH WITH SENTINEL-2 IMAGERY	Department of Rural Hydraulics, National Higher School of Agronomy, EL HARRACH, Algiers zahraelfares94@gmail.com
03	14:20	14:30	Khadidja SENOUCI 1, Fatih DILMI 2, Amira CHENTOUF 3.	BIOLOGICAL TREATMENT OF WASTEWATER AND THE PRODUCTION OF HYDROGEN, BIOGAS, AND GREEN ELECTRICITY IN WASTEWATER TREATMENT	1UQO- Gatineau- Quebec- Canada./ 2 University of Mostaganem/ 3University of Mascara, Algeria khadidja.senouci@icloud.com
04	14:30	14:40	Abderrahmane MEBARKI 1 Tayeb SITAYEB 2, Yahia DJELLOULI 3	ASSESSING THE IMPACT OF CLIMATE CHANGE ON DESERTIFICATION IN THE NAĀMA REGION (2010–2023): A GIS AND REMOTE SENSING APPROACH	<i>Faculty of Natural Science and Life, University of Saida</i> fadi0161@gmail.com
05	14:50	15:00	Yahia DJELLOULI 1, Abdelkrimr KEFIFA 2 Abderrahmane MEBARKI 3	UTILISATION DES SCRIPTS DE GOOGLE EARTH ENGINE POUR LA CREATION D'UNE CARTE DE SENSIBILITE A L'EROSION DE LA CHENAIE VERTE D'EL HASASSNA, DANS LE CADRE D'UN PROGRAMME DE PLANIFICATION DE LA RESTAURATION.	<i>Faculty of Natural Science and Life, University of Saida</i> djelloulyahia00@gmail.com
06	15:00	15:10	Sabrina BENDOUMA 1* , Mahmoud ZAIDI 2	IMPACT OF THE MANUFACTURING OF BUILDING MATERIALS ON CLIMATE CHANGE AND GLOBAL WARMING ACCORDING TO ISO 14040-44 STANDARDS.	1* Badji Mokhtar University, earth sciences faculty, mining engineering department. 2 Applied Hydraulics and Environment Research Laboratory, University of Bejaia, Algeria. sabrinabenmining@gmail.com

07	15:10	15:20	Asmaa BEMMOUSSAT 1 Amina BELLATRECHE 2 Adel BEREZZOUG 3 Yacine MAHDAD 4	SALINITY AND ITS EFFECTS ON WHEAT UNDER CLIMATE CHANGE: ENVIRONMENTAL AND GENETIC PERSPECTIVES	(SNV), Tlemcen University, Laboratory of Functional Agrosystems and Technology of Agronomic Sectors (AFTAGRO), Algeria. bemmoussatassouma1997@gmail.com
08	15:20	15:30	Chaimaa KHADIR 1, Yasmine HALFAOUI 2 mohamed mahmoud ELGHADY AMAR 2	EFFECTS OF CLIMATE CHANGE ON ECOSYSTEMS AND NATURAL HAZARDS IN THE SAÏDA REGION	Faculty of Sciences, University of Saïda/ Laboratory of Water Resources and Environment (RHE), chaimaakhadir1998@gmail.com
	15:30	15:40	Rayene DJABOURABI et al.	SUSTAINABLE STRATEGIES FOR PROTECTING CHERRY ORCHARDS FROM SPRING WEATHER EXTREMES	Faculty of Natural and Life Sciences, Mohamed Cherif Messaadia University – Souk Ahras, Algeria ra.djabourabi@univ-soukahras.dz
DEBATE					
COFFEE BREAK					



Tuesday 14th October 2025

Timing		
09: 00	11:00	ROUND TABLE Feedback/ Crossed perspectives Moderator: Prof Saifi MERDAS (CRAT) Rapporteurs: Mohamed BOUAOUD Location: Multimedia room
		Guests: Prof Farès KESSASRA (University of Jijel), Prof Sonia Dridi & Hatem -DHAOUADI (University of Monastir- IPEIM), Dr. Ismail DABANLI (Istanbul Technical University, Turkey), Dr Hicham CHENAKER (National Federation Of The Environment And School Of Forests Of Khenchela), Mrs. BELKADI (AGIRE Constantine), Mrs. GRINE house of the environment, - Socio-economic sector, representatives of associations - Representative of the University – Speakers, students, etc.
11:00	11: 30	COFFEE BREAK
11: 30	12: 00	Summary and closing of the conference Dr. Latifa BOULAHIA, President of the seminar
12: 00	13:00	LUNCH
		Visit of Constantine





POSTERS session on October 13

Moderators : Dr. Dounia KEDDARI, Dr. Ahmed ALLIOUCHE

Reporters: Dr Med Ikbal FARAH, D Chaima TOUABA, Dr Sara KEBLOUTI (CRAT Team)

AXE 1 EXTREME EVENTS AND CLIMATE CHANGE, IMPACTS AND ACTIONS	N°	Nom & prénoms	Titles	Affiliations	E-mail
	01	Moussa DJERAF A 1 Yasser AZIZI 1	LES CHANGEMENTS CLIMATIQUES OBSERVES EN ALGERIE : ETUDE DES VARIATIONS TEMPERATURES	1 Laboratory of Materials Interaction and Environment (LIME), Faculty of Exact Sciences and Computer Science, University of Jijel,	djerafamousa23@gmail.com
	02	Ahmed KHELOUFI ATTOU 1 Kamila BABA-HAMED 1 Abderrazak BOUANANI 1	RELATIONSHIPS BETWEEN REGIONAL ATMOSPHERIC CIRCULATION AND EXTREME RAINFALL IN NORTHERN ALGERIA	Laboratory Promotion of Water, Mineral and Soil Resources. Environmental Legislation and Technological Choices, Tlemcen University , Algeria	ahmedgeoran2014@gmail.com
	03	Hocine BOUGRINE 1 , Salah HADJOUT 1 , Mohamed ZOUIDI 1 , Abdeldjalil BELKENDIL 1 , Amar MEBARKIA 2	CARACTERISATION MORPHOLOGIQUE ET AGRONOMIQUE DE QUELQUES ACCESSIONS SPONTANEEES DE LA VESCE COMMUNE COLLECTEES A PARTIR DE LA PROVINCE DE SETIF ET SES REGIONS LIMITROPHES	Centre for Research in Spatial Planning (CRAT)	bougrinehocine77@gmail.com
	04	Manel YAKHLEFOUNE ¹ , Chaouki BENABBAS ¹ , Florina GRECU ² , Abdeljalil BELKENDIL ¹	IMPACT DES EVENEMENTS EXTREMES ET DU CHANGEMENT CLIMATIQUE SUR LE RISQUE D'INONDATION A CONSTANTINE	Centre for Research in Spatial Planning (CRAT)	manel.yakhlefoune@crat.dz
	05	Nabil CHARCHAR	BIOTECHNOLOGY'S ROLE IN CLIMATE CRISIS COMBAT	CRBT Constantine	n.charchar@crbt.dz



AXE 2 IMPACT OF CLIMATE CHANGE ON THE ENVIRONMENT		Hani BOUYAHMED	REHABILITATION DES SITES ET DES SOLS PAR PHYTOREMEDIATION	CRBT Constantine	h.bouyahmed@crbt.dz , hanibouyahmed@gmail.com
	07	Mohamed ZOUIDI1, Salah HADJOUT1, Hocine BOUGRINE1, Abdeldjalil BELKENDIL1, Dounia KEDDARI1, Chaima TOUABA1	IMPACT OF CLIMATE CHANGE AND DROUGHT ON LAND PRODUCTIVITY IN WESTERN ALGERIA: CURRENT STATUS AND SUSTAINABLE MANAGEMENT PERSPECTIVES	Centre for Research in Spatial Planning (CRAT)	mohamed.zouidi@crat.dz
	08	Chaima TOUABA 1, Mohamed ZOUIDI 2, Mohamed Ikba FARAH 3	IMPACT DE CHANGEMENT CLIMATIQUE SUR LA DIVERSITE DES ESPACES VERTS URBAIN – CAS VILLE DE CONSTANTINE	Centre for Research in Spatial Planning (CRAT)	chaima.touaba@crat.dz
	09	Abdelkrim ARAR^{1,2,3}, Amel Dhikra MEGHERBI¹, Dounia BENDJOUJJA¹, Amani KHLOUFI¹, Aya BENBRAHIM¹	MODELLING APPROACH TO ASSESS THE STATE AND DYNAMICS OF NORTH ALGERIAN BIODIVERSITY UNDER ENVIRONMENTAL FORCING: A CASE STUDY OF QUERCUS ILEX	1Department of Ecology and Environment, Faculty SNV Batna University 2 2Laboratory “Biodiversity, Biotechnology and Sustainable Development”, Faculty of Nature and Life Sciences, University Mostefa Benboulaïd Batna 2, Batna, Algeria ³ Laboratory of Functional Ecology and Environment, University of Oum El Bouaghi.	a.arar@univ-batna2.dz
	10	Abdelkader DILMI 1, Abdelfateh.BENMAKHLOUF 1	EVALUATION OF THE FLOCCULATING EFFICIENCY OF MORINGA OLEIFERA AS A BIOFLOCCULANT FOR REDUCING WASTEWATER TURBIDITY	Université Mohamed El Bachir El Ibrahimi Bordj Bou Arréridj, Algérie.	abdelkader.dilmi@univ-bba.dz
	11	Dounia KEDDARI et al.	ADVANCED ENSEMBLE LEARNING FOR HIGH-PRECISION WATER QUALITY MONITORING IN WADI SAF-SAF RIVER BASIN: A VOTING-BASED FRAMEWORK FOR INTELLIGENT PREDICTION	1 (CRAT), Constantine, Algérie/	dounia.keddari@gmail.com

	12	Salah Eddine MALLEM 1 Saliha ABBAS 2 Aissam GAAGAI 3	THE DECLINE OF FOGGARAS IN THE SAHARA: CASE STUDY OF THE ADRAR REGION (SOUTHWESTERN ALGERIA)	1, 2, 3 Scientific and Technical Research Center on Arid Regions (C.R.S.T.R.A.) - Biskra, Algeria	salaheddine.ma.7@gmail.com
	13	Nahla BENSALHIA, Abdel Ali BEN CHENNA	"ENVIRONMENTAL VULNERABILITY ASSOCIATED WITH THE ESTABLISHMENT OF INDUSTRIAL FACILITIES ON AGRICULTURAL LAND"	LAGED Laboratory, University of Jijel	nahla.bensalbia@univ-constantine3.dz
		MOHAMED BOUAOUD ¹ , SAMI MEZHOUD ²	ENVIRONMENTAL IMPACT OF LANDSLIDE VULNERABILITY AT THE URBAN SCALE: CASE OF CONSTANTINE, ALGERIA.	(1) University Constantine 1 Frères Mentouri, (2) University Constantine 1 Frères	mohamed.bouaoud@univ-constantine3.dz ,
HYDROLOGY, HYDROGEOLOGY AND WATER. CURRENT RESOURCE ISSUES AND	15	Roumaissa TADJINE 1 Azzedine GHACHI 2	IDENTIFICATION TEMPORELLE DES DEFICITS EN EAU : CAS DE LA REGION DE GUELMA	IGTU, UC 3 University, Algeria	roumaissa.tadjine@univ-constantine3.dz
	16	Riad KOUADRA	THE PHYSICO-CHEMICAL PROPERTIES OF WATER RESOURCES IN THE OUED DJENDJEN WATERSHED (W. JIJEL)	Department of Earth Sciences, University Center of Mila, Algeria	kouadra.r@centre-univ-mila.dz
	17	Nour EL Houda TOUBI 1 Nour el Houda MEZERREG 2 Selwa BOUBGUIRA 3	PHYSICO-CHEMICAL QUALITY ASSESSMENT AND POLLUTION OF GROUNDWATER IN SEBKHA EL MAHMEL, KHENCHELA (NORTHEAST ALGERIA)	FSTGAT, Department of Geological Sciences, University of Constantine 1 3 ISTU, Department of Geology, University of Batna 2	nourelhouda.toubi@mc.edu.dz



AXE DATA ACQUISITION, GEOSTATISTICAL	18	Ali LAKROUT1 Boumediene MEDDAH2 Salah Eddine ALI RAHMANI3	HYDROCHEMICAL STUDY AND WATER QUALITY OF THE THERMAL SPRINGS OF BOUHANIFIA (MASCARA, WESTERN ALGERIA)	1.2Laboratory of Research on Biological Systems and Geomatics, University of Mascara, Mascara, Algeria 3Geo-environment Laboratory FSTGAT, USTHB, Bo 32 ,El Alia ,16111 ,Bab Ezzouar, Algiers,Algeria	alilakrout8@gmail.com
	19	BENAOUDIA Lydia 1 BARGAOUI Zoubeida2 BEJAOUI Amel2 AMMARI Abdelhadil MEDDI Mohamed1	SOIL WATER BALANCE MONITORING USING A MODIFIED VERSION OF THE BBH-MODEL	1Environnement and water engineering laboratory (GEE) , National Higher School for Hydraulics Blida , Algeria 2Hydrological and environmental modeling laboratory, National School of Engineers, Univ. Tunis El Manar,	l.benaoudia@ensh.dz
	20	Hichem CHENAKER 1, Maroua CHENAKER 2, Abdenour SEDRATI 3	SPATIAL VARIABILITY OF WATER QUALITY AND HYDROCHEMICAL CHARACTERISTICS UNDER CLIMATE CHANGE: A NORTH–SOUTH TRANSECT OF KHENCHELA PROVINCE (NORTHEASTERN ALGERIA)	1 Laboratory of Algerian Forest and Climate Change, Higher National School of Forests. 2 Laboratory de Biology, Environment and health, University El Oued. 3 Laboratory of Water, environment and renewable energies, University of Khenchela.	chenaker.hichem@ensf.dz
	21	Saliha ABBAS1, Salah Eddine MALLEM1	FLOOD SUSCEPTIBILITY MAPPING (A CASE STUDY OF BISKRA PROVINCE)	1Scientific and Technical Research Center for Arid Regions (CRSTRA). Biskra	sa.abbas@univ-batna2.dz
	22	Fouzia BOUDJEMLINE	SUIVI DE LA DEGRADATION ENVIRONNEMENTALE DES ECOSYSTEMES STEPPIQUES: ÉTUDE DE CAS DE LA WILAYA DE DJELFA A PARTIR DES DONNEES LANDSAT 8	École normale supérieure de Sétif, Algérie.	f.boudjemline@ens-setif.dz

	23	Abdelfateh BENMAKHOUF¹, Houseme eddine KARCE¹, Abdelkader DILMI¹	USING DESIGN OF EXPERIMENTS (DOE) METHOD TO ENHANCE THE ADSORPTION OF CONGO RED ONTO ACTIVATED CARBON	Faculty of Science and Technology, Mohamed El-Bachir El-Ibrahimi University – Bordj Bou Arreidj	abdelfateh.benmakhlouf@univ-bba.dz
	24	Imane SOUCI¹, Adjie ABDERRAZAK^{1, 2}	GREEN ROOFS: A SUSTAINABLE SOLUTION FOR STORMWATER MANAGEMENT AND URBAN ADAPTATION TO CLIMATE CHANGE (EL MERRIDJ – CONSTANTINE – ALGERIA)	1 LAGED Laboratory) 2 Department of GTU, Institute of Urban and Environmental Techniques, University of Constantine 3, Algeria.	imene.souici@univ-constantine3.dz
AXE 5 DEVELOPMENT OF RENEWABLE ENERGIES (OR ENERGY TRANSITION)	25	Mohamed Elamine ABDESSELEM¹ Mohamed Salah MECIBAH¹	TRANSITION TO GREEN HYDROGEN: EXPLORING HYDROGEN PRODUCTION USING SOLAR ENERGY WITHIN RENEWABLE ENERGY STRATEGIES FOR SUSTAINABLE DEVELOPMENT	1Laboratory of Mechanics, Mechanical Engineering Department, University of Constantine 1, Algeria	mohamedelamine.abdesselem@doc.umc.edu.dz
	26	Ouarda MANSOURI¹, Habiba TEBBANI²	PASSIVE STRATEGIES TO COUNTER THE URBAN HEAT ISLAND	1, 2 ABE laboratory, Constantine3 University.	ouarda.mansouri@univ-skikda.dz
	27	Afef OUIS¹, Sara SAHNOUNE², Nassira BENHASSINE³	INFLUENCE OF THE URBAN MORPHOLOGY ON THE URBAN HEAT ISLANDS: MICROCLIMATIC ANALYSIS OF THE PUBLIC SQUARES OF CONSTANTINE	Laboratoire ABE, Constantine 3 University, Algeria	afef.ouis@univ-constantine3.dz
	28	Filali Fatima Zohra¹, Soualah Louiza², Chafi Fatima Zohra³	L'AUDIT ENERGETIQUE AU SERVICE DE LA TRANSITION ENERGETIQUE : CAS DE L'UNIVERSITE SALAH BOUBNIDER CONSTANTINE 3	LAGED Laboratory/ University of Constantine 3.	fatima.filali@univ-constantine3.dz
	29	Zineddine OMAROUAYACHE¹ Aissa BOULKAIBET²	THE DYNAMICS OF THE URBAN HEAT ISLAND IN MILA CITY IN RESPONSE TO LAND USE CHANGES DURING THE PERIOD 2004–2024.	IGTU, Oum el bouaghi. University, Algeria	zineddineomar97@gmail.com