

PROGRAM

INTERNATIONAL SYMPOSIUM

The Advanced Technologies for the Valorization and tourism Development of Cultural and Natural Heritage in Risk-Prone Territories

12-13 & 14
MAY
2025



MONDAY 12 MAY 2025 | 08H00

CRAT Conference Room

IN COLLABORATION WITH



PROGRAM

**08H00 - 09H00 REGISTRATION AND WELCOME
COFEE BREAK**

OPENING CEREMONY

09H00 - 09H30

- **Dr. Meriem SEGHIRI BENDJABALLAH:** Chair of the Symposium
- **Prof. Chaouki BENABBAS:** Director of CRAT
- **Prof. Ahmed BOURAS:** Director of UC1
- **Prof. Fawzi DOUMAZ:** Scientific Committee

09H30 - 12H00 PLENARY SESSION

SESSION CHAIR: DR. OUFA SAIGHI

RAPORTER: DR. YASSER-NASSIM BENZAGOUTA

09H30 - 10H00

Pr. Youcef AIBECHE, Pr. Fawzi Doumaz, Dr. Aicha Malek, Pr. Chaouki BENABBAS
Patrimoine et Aménagement du territoire en Environnement à risque.

10H00 - 10H20

Dr. Irma DELLA GIOVAMPAOLA (Italy)
ICA: activités et perspectives pour la protection du patrimoine archéologique.

10H25 - 10H55

Pr. Mounir BOUCHENAKI (France)
La destruction intentionnelle du Patrimoine Culturel à l'époque contemporaine .

11H00 -11H20

Pr. Saifi MERDAS (CRAT, Algeria)
Territoires Résilients, Patrimoine et Tourisme à l'Ere Numérique: La Stratégie en Action du CRAT"

11H20 -12H00

DISCUSSION

12H00 -13H00

LUNCH BREAK

SESSION CHAIR: DR. MOHAMED ZOUIDI

SESSION REPORTER: DR. KEDDARI DOUNIA

SESSION CO-REPORTER: DR. HAYHTEM DINAR

Soumia MEHIRIS, Dr. Radja Maya BOL RAHLI, Dr. Nadra NAIT AMAR. (UC3, Algeria)

la Revitalisation du Centre de BBA : Une Approche Méthodologique pour la Valorisation du Patrimoine et la Dynamisation Touristique.

Oumnia AIBECHE, Pr. Mustapha BENHAMOUCHE. (The National College of Islamic Sciences, Algeria)

Advanced Technologies for the Preservation and Valorization of Islamic Heritage Housing: Safeguarding Identity Architecture in Risk-Prone Territories.

Dr. Sara SAHNOUNE, Dr. Afef OUIS, Dr. Sarah BENHARKAT, Pr. Nassira BENHASSINE TOUAM. (UC3, Algeria)

Optimisation multi-objectifs de la géométrie des cours pour une conception adaptative dans les climats semi-arides.

Dr. Insaf BOUMEZBEUR , Dr. Meriem BOUTELDJA, Abdelaziz DEBBECHE, Nabil BOURSAS, Abdelkrim BOULCINA. (CRAT, Algeria)

Blockchain Technology to Protect Algeria's Rich Cultural Heritage.

Ibtissem BOURAOUL, Pr. Meriama BENCHERIF. (UC3, Algeria)

L'agrotourisme un levier pour le développement local d'El Harrouch en Algérie.

Imad GRINI , Dr. Soufian FEZZAI. (Echahid Cheikh Larbi Tebessi university, Algeria)

L'héritage naturel à Hammam Debeh (Guelma): Un vecteur du développement local régional durable.

Dr. Mohamed ZOUIDI, Dr. Salah HADJOUT, Dr. Hocine BOUGRINE, Dr. Abdeldjalil BELKENDIL, Dr. Chaouki BOULEKDAM. (CRAT, Algeria).

Les plantes médicinales de la région de Saïda : un patrimoine naturel à préserver et valoriser

Dre. Dounia KEDDARI, Dre. Meriem SEGHIRI. (CRAT, Algeria)

Acid rain and environmental pollution as drivers of cultural heritage decay: the case of the Soumaâ of El Khroub

Dr. Meriem BOUTELDJA, Dr. Fatiha MENIAL, Dr. Insaf BOUMEZBEUR, Dr. Sara BOUZID. (CRAT, Algeria)

L'Économie et le Patrimoine en Algérie: Quelles Stratégies pour un Développement Durable des Territoires ?

Naouel BENSEGHIER. (Ziane Achour University of Djelfa, Algeria)

The Use of Modern Technologies in the Preservation and Digitization of Cultural Heritage : Between Practice and Theory "The Digital Map of the Deterioration Features of Rock Art Sites» Models from the Saharan Atlas

Special Guest

CRAT Meeting Room

14H00 - 15H00

Lt. Col. SALVATOR1 Paolo

Protecting Cultural Heritage: The Italian Experience in Investigation and International Collaboration

MONDAY 12 MAY 2025 | 14H00

CRAT Study Room

WORKSHOP 1
CULTURAL AND NATURAL HERITAGE AS A LEVER FOR SUSTAINABLE
REGIONAL DEVELOPEMENT

SESSION CHAIR: PR. DEBACHE SAMIRA
SESSION REPORTER: DR. BOUMEZBEUR INSAF
SESSION CO-REPORTER: DR. HARKAT IMANE

14H00 - 14H10	Dr. Lamia BOULDJEMAR, Dr. Foued BOUAICHA, Ahmed BRAHIMI, Taqi GHIMOUZ, Abd El-Kader DRISSL(UCL, Algeria) L'atlas touristique numérique : un outil innovant pour la préservation et la valorisation du patrimoine.
14H15 - 14H25	Dr. Lotfi BENDAHMANE, Dr. Meriem BOUTELJA, Karim HADDAD, Dr. Abdelhak SEBBIH (CRAT, Algeria) La Sittelle kabyle : Un patrimoine naturel à valoriser "Enjeux de conservation, opportunités économiques et rôle des technologies.
14H30 -14H40	Dr. Samir BENAMARA.(EPAU, Algeria) La législation algérienne : un indéniable appui à la protection du patrimoine culturel face aux risques majeurs.
14H45 - 14H55	Dr. Meriem ALLIOUA, Dr. Mohamed Ikbal FARAH, Esma BOUHADJAR, Dr. Ahmed ALLIOUCHE, Nabil BOURSAS, Karim BOULCINA, Dr. Insaf BOUMEZBEUR, Dr. Chaima TOUABA.(CRAT, Algeria) Entre histoire et modernité, explorer Constantine autrement grâce aux technologies avancées.
15H00 -15H10	Dr. Farida SEHILI. Oumaima MEBANI, Farah MERZOUGUI. (Setif 1 University Ferhat Abbas, Algeria) Valorisation du patrimoine mosaïqué en Algérie: Convergence entre archéologie et réalité augmentée.
15H15 -15H25	Dr. Roubila CHAOUICHE TEYARA, Oumaima BENHAMMOU. (CRAT, Algeria) مراقبة بيئية ميدانية لحماية التراث الأثري الجزائري: ابتكار في خدمة الذاكرة الحضارية
15H30 -16H00	DISCUSSION

MONDAY 12 MAY 2025 | 14H00

CRAT Incubator

WORKSHOP 2&4
-RISKS INHERENT IN CULTURALAND NATURAL AREAS
-ADVANCED TECHNOLOGIES TO ENHANCE THE ATTRACTIVENESS AND TOURISM
POTENTIAL OF CULTURALAND NATURAL HERITAGE

SESSION CHAIR: PR. AZEDDINE BELAKEHAL
SESSION REPORTER: DR. ABDELDJALIL BELEKENDIL
SESSION CO-REPORTER: DR. FAICEL TOUT

14H00 - 14H10	Imad SEGHIRI, Pr. Mohamed DAHLI. (EPAU, Algeria) L'aqueduc de la rive gauche de la Soummam, un essai de restitution.
14H15 - 14H25	Taqiyeddine BOUHENNACHE, Dr. Ouassila BENDJABALLAH.(UC3, Algeria) La caractérisation thermique et mécanique d'un éco- matériau local pour la rénovation thermique passive dupatrimoine bâti.
14H30 -14H40	Dr. Haythem DINAR, Dr. Mohamed Yacine DAKSI, Dr. Nouh REBOUH, Dr. Zakaria MATOUGUI, Dr. Abdeldjalil BELKANDIL, Yacine BENZID, Mehdi DIB. (CRAT, Algeria) Safeguarding heritage:A Comprehensive RiskAssessment for the Aqueduct of Constantine.
14H45 - 14H55	Dr. Asma KERBOUA, Pr. Nabil CHABOUR , Ramdane MARMI. (UCI, Algeria) The impact of natural and anthropogenic hazards on the Announa-Thibilis archaeological site (Guelma, North-easternAlgeria).
15H00 - 15H10	Dr. Nassim HALLAL, Fatma OUKID, lmen BOUGAA. (CRAAG, Algeria) Le Cap Aokas : un site touristique exposé aux phénomènes gravitaires, fracturation du massif rocheux et origine de la karstification.
15H15 -15H25	Hadjer BOUSBA, Pr. Alberto BOSINO.(UCI, Algeria) The badlands of Hammam N'bail: an example of geomorphological heritage and a potential resource for geotourism innorthern Algeria.
15H30- 15H40	Abdelraouf Zidane BENMOHAMMED, Abderrahim GHERIS, Dr. Mohamed Yacine DAKSI, Dr. Zakaria MATOUGUI. (Université Mohamed-chérif Messaadia-Souk Ahras. Algeria) Évaluation du risque de liquéfaction des sols et son impact sur la préservation du patrimoine bâti et naturel en contexte sismique :cas de la côte de Bazou!-wilaya de Jijel (Algérie)
15H45 -15H55	Esma BOUHADJAR , Dr. Meriem ALLIOUA, Dr. Mohamed Ikbal FARAH, Dr. Imane HARKAT, Oumeima BOUTATA. (CRAT, Algeria) Tourisme et Artisanat : Valoriser le Patrimoine immatériel dans une Approche Durable.
16H00 -16H30	DISCUSSION

MONDAY 12 MAY 2025 | 14H00

CRAT Conference Room

WORKSHOP 3
APPLYING ADVANCED TECHNOLOGIES TO SAFEGUARD AND MANAGE
HERITAGE-RELATED RISKS

SESSION CHAIR: PR. FAWZI DOUMAZ
SESSION REPORTER: DR. SAMI DEBBABI
SESSION CO-REPORTER: DR. DIB MEHDI

14H00 - 14H10	Dr. Souad LAOUES. (Mouloud Mammeri University of Tizi Ouzou, Algeria) La numérisation au service du patrimoine, application de la Lasergrammetrie au cas du tunnel d'El Habelde l'aqueduc de Saldae (Bejaia, Algerie).
14H15 - 14H25	Dr. Malika HOCINE. (EPAU, Algeria) Pour une méthodologie de prévention de la vulnérabilité liée à la réutilisation du patrimoine bâti.
14H30 -14H40	Dr. Abdelaziz BARKANI , Pr. Mohammed TAMALI. (University of Tahri Mohamed Bechar, Algeria) Photogrammetry and the Digital Conservation of Saharan Ksour Heritage.
14H45 - 14H55	Dr. Nassira NOUI, Maissa BELAIDI, Mohamed Ramzi BOUDEMAGH. (Université Badji Mokhtar, Algeria) Numérisation et technologies avancées pour la préservation et la mise en tourisme du patrimoine en territoires à risques.
15H00 -15H10	Dr. Amina BENELMADJAT, Dr. Belkacem BITAT, Belkis MEZIANE, Nour MERHOUM. (UCI,Algeria) Le Guide Virtuel pour la préservation et la Valorisation du Patrimoine Culturel :Cas de la Ville de Constantine.
15H15 -15H25	Dr. Badreddine BOUMALI ,Dr. Abdallah LALMI, Dr. Nedjwa ELAFRI. (UC3, Algeria) From Smart Cities to Smart Heritage:International Benchrnarks and Prospects for Urban Heritage Valorization in Algeria
15H30- 15H40	Dr. Atika BENAZZOUZ-BELHAI, Pr. Djelloul BELHAI, Pr. Philippe LAMBERT. (EPAU,Algeria) Cratères météoritiques du Sahara algérien : pour une stratégie de géotourisme durable entre valorisation patrimoniale et gestion des risques
15H40- 16H10	DISCUSSION

TUESDAY 13 MAY 2025 | 08H30

CRAT CONFERENCE ROOM

09H00 - 12H00 PLENARY SESSION

SESSION CHAIR: DR. NADRA NAIT-AMAR NADRA

SESSION REPORTER: DR. RADJA FERGANI

SESSION CO-REPORTER: DR. LOTFI BENDAHPANE

09H00 - 09H20	Dr. Fernando MARTÍN-CONSUEGRA (Spain) Environmental impact reduction of 20th century Mediterranean residential heritage. The case of Madrid
09H20 - 09H40	Dr. Josep VILA-SUBIRÓS (Spain) (Online) The European Nature Restoration Law. A new conceptual and legal framework for the recovery of heritage
09H40 -10H00	Pr. Christian OST (Belgium) (On line) Heritage management
10H00 - 10H20	Dr. Abdelaziz METTALAOUÏ (HMS AlUla Construction, Saudi Arabia) Technologies numériques et pratiques multidisciplinaires dans la conservation du patrimoine en terre :perspective depuis AlUla en Arabie Saudite.
10H20 -10H40	Dr. Jacopo TURCHETTO (University of Padova, Italy) Monitoring and Enhancing Cultural Heritage Landscapes through Remote and Proximal Sensing.
10H45 -11H15	DISCUSSION

11H25 -12H00

CLOSING CEREMONY

12H00 -13H00

LUNCH BREAK

WEDNESDAY 14 MAY 2025 | 08H30

CRAT Conference Room

ONLINE WORKSHOP 1

SESSION CHAIR: PR. MOUNIR BOUCHENAKI

SESSION REPORTER: DR. YACINE BENZID

SESSION CO-REPORTER: DR. FARAH BOUTOUATOU

08H30 - 08H40	Lucica Niculae, Maria-Lidia Nutu-Dragomir.(Institute of Geodynamics, Romania) Analysis Of The Impact Of Natural Hazards On Tourism DevelopmentIn Jitia-Bisoca (Vrancea And Buzau Counties, Remania).
08H45 - 08H55	Maria-Lidia Nutu-Dragomir,Lucica Niculae.(Institute of Geodynamics, Romania) How the limanu cave in remania can impact regional tourism development?
09H00 -09H10	Sara Porru, Antonio Pinna, Aurora Filippi. (Iglesiente Center for Speleological Archaeological Studies, Italy) 30 Viewersfor the Enhancement of Cultural Heritage: An Innovative Immersive Experiencein SouthernSardinia.
09H15 - 09H25	Andreea ANDRA-TOPÂRCEANU, Florina CILITEA, Diana POPOVICI, Adriana-Bianca OVREIU, Mihaiu MAFTEIU, Sonia MALVICA and Donatella CARBON!.(Universityof Bucharest, Romania) The Impact of Urbanization on the Foundations of Heritage Buildings along Dâmbovită's Floodplain in Bucharest City.
09H30 -09H40	Florina CHITEA , Chaouki BENABBAS , Andreea ANDRA-TOPÂRCEANU , Yacine BENZID ,Irina STANCIU, Adriana- Bianca Ovreiu , Diana POPOVICI. (University of Bucharest, Romania) Heritage Under Pressure:Geohazard Effects on the Râțeti Monastic Ensemble.
09H45 -09H55	Sonia Malvica, Andreea Andra-Topârceanu, Donatella Carboni, Diana Popovici, Adriana-Bianca Ovreiu.(University of Bucharest, Romania) Tourism Meets theMaptelling: Unlocking Sardinia's Borghi Along Cycling Routes.
10H00 -10H10	Giovanna CACUDI, Caterina ANNESE, Elena DELLU, Luigi OLIVA, Eleonora Gioventù. (Istituto Centrale per il Restauro, Italy) (From the foot steps of the dinosaurs of Cava Pontrellito paleontological protection Multidisciplinary experimental research surveys.
10H15 -10H25	Dr. Caterina GATTUSSO, Dr. Meriem SEGHIRI, Dr. Yasser-Nassim BENZAGOUTA, Dr. Faycel TOUT (University of Reggio Calabria, Italy) Bâtiments historique-architectural et dégradation environnementale. Méthodologie d'étude et application à une étude decas.
10H30 -10H40	Safa' Joudeh (Jordan). Static Assessment of Judit Tower in Prague
10H45 -10H55	Alaa Issam. (RIWAQ Al-Turath For General Contracting and Restoration, Egypt) Modern Techniques of Documentation and Preservation of Heritage Buildings
11H00 -11H10	Adokin Honoré Mawutin. (Université d'Abomey-Calavi (Bénin) Between tradition and innovation: an integrated gis and 3d-based Analysis of socio-spatial dynamics around Archaeometallurgical sites in southern benin: a case study of Séfunwuanta (10th–16th century)
11H15 -11H30	DISCUSSION

WEDNESDAY 14 MAY 2025

| 08H30

CRAT Meeting Room

ONLINE WORKSHOP 2

SESSION CHAIR: PR. MERDAS SAIFI

SESSION REPORTER: DR. MERIEM ALLIOUA

SESSION CO-REPORTER: DR. MOHAMED IKBAL FARAH

- 08H30 - 08H40** Dr. Tarek RAHMOUNE, Maya HASSEN (سوريا, اللاذقية, جامعة تشرين, كلية الهندسة المعمارية, التخطيط المكاني البحري كأداة للنهوض بالتراث البحري السوري: استكمال رؤية الخطة الإقليمية الساحلية)
- 08H45 - 08H55** Dr. Salwa MICKAEL (كلية الهندسة المعمارية, جامعة دمشق, التنمية السياحية للتراث الثقافي والطبيعي للهضبة الكلسية في شمال سوريا. المدن المنسية أو المدن الميتة)
- 09H00 -09H10** Mouna SGHAIER BEN AMMAR. (Institut Supérieur des Beaux-Arts de Sousse, TUNISIA)
Du patrimoine à l'expérience :Quand les technologies transforment le tourisme culturel
- 09H15 - 09H25** Dr. Fatima Zohra HAMLILI, Pr. Biara Ratiba Wided. (Biskra University, Algeria)
Evaluating the Performance of Khizana Ezziania Library in Kenadsa, Algeria: A Qualitative and Quantitative Assessment.
- 09H30 -09H40** Dr. Zohra ABDELKRIM, Dr. Brahim NOUIBAT, Pr. Ali REDJEM, Pr. Boudjemaa KHALFALLAH (University of M'sila, Algeria)
Evaluating the Performance of Khizana Ezziania Library in Kenadsa, Algeria:A Qualitative and Quantitative Assessment
- 09H45 -09H55** Dr. Omar FIGUIGUI, Dr. Mohamed ZOUIDI (University Centre of Naama, Algeria)
Les effets deschangements climatiques surles zones humides :étude de cas du bassin de Daira à Naâma.
- 10H00 -10H10** Dr. Jean-Paul C. Lawson (Benin)
Patrimoines menacés et humanités numériques : outils et méthodes participatifs pour la sauvegarde et la valorisation en territoires à risques
- 10H15 -10H25** Dr. Dassile SADAOUI (ESBA, Algeria)
Les technologies numériques comme moyende conservation, de préservation et de diffusion de l'art rupestre de l'Algérie.Immersion VR au cœur des gravures rupestres de l'Atlas saharien, monts des Ksour, Cas d'étude : Site de TIOUT àAin Sefra, wilaya de Naama.
- 10H30 -10H40** Eya ZAATIR (Institut Supérieur des Beaux-arts de Sousse,Tunisia)
Innovation numerique et valorisation de l'identiteculinaire dans les circuits touristiques culturels
- 10H45 -10H55** Dr. Assia KADRI, Salima Rayane KADRI. (UC3,Algeria)
Revue règlementaire du cadre juridique du patrimoine culturel en Algérie
- 11H00 -11H10** Dr. Aisha DARWISH. (ICOMOS, Bahreïn)
The Souq of Aleppo: Heritage Significance and Post-Conflict Reconstruction.
- 11H15 -11H25** Dr. Lamia MANSOURI, Dr. Radia BOUARROUDJ, Dr. Naima HADDADOU (Université Alger 1 Benyoucef Benkhada, Algeria)
Le patrimoine rural au prisme du tourisme durable : Analyse rétrospective des initiatives de valorisation et leur impact sur le développement local en Algérie.

11H30- 12H00

DISCUSSION

Scientific Committee

- Dr. ABDELHAMID Said : Ministry of Tourism and Antiquities (Egypt).
- Pr. AZIZ Heba : German University of Technology, (Oman).
- Pr. AMGHAR Fateh Karim : M'Hamed Bougara University of Boumerdes (Algeria).
- Pr. ANOUCHE Karima : University of Oran (Algeria).
- Pr. ARAR Abdelkrim : University of Batna 2 (Algeria).
- Dr. BARKANI Abdelaziz : University of Bechar, (Algeria).
- Pr. BELAKEHAL Azzeddine : University of Mohamed Khider Biskra, (Algeria).
- Dr. BENHAMROUCHE Aziz University of Constantine 1, (Algeria).
- Pr. BENELHADJ Ghania : National School of Forestry, Khenchela (Algeria).
- Dr. BENELMADJAT AMINA : National School of Forestry, Khenchela (Algeria).
- Pr. BENZEKRI Hafid : National School of Forestry, Khenchela (Algeria).
- Pr. BIARA Ratiba-Ouïed : University of Bechar, (Algeria).
- Pr. BOULTIF Meriem : Scientific and Technical Research Center on Arid Regions (Algeria).
- Dre. BOULEDJMAR Lamia : University of Constantine 1, (Algeria).
- Pr. DEBBACHE Samira : University of Constantine 3, (Algeria).
- Dre. DELLA GIOVAMAPAOLA Irma: Central Institute for Archaeology (Italy).
- Pr. DJIAR Kahina : Polytechnic School of Architecture and Urbanism (Algeria).
- Dr. DIEB Rida : University of Damascus (Syria).
- Pr. DOUMAZ Fawzi : Istituto Nazionale di Geofisica e Vulcanologia, Rome (Italy).
- Dr. FILALI Bilal : PhyVertX Technologies Inc, Vancouver, (Canada).
- Pr. GATTUSO Caterina : Mediterranean University of Reggio Calabria (Italy).
- Dr. HALLA Nouredine : University of Saida, (Algeria).
- Pr. JAVIER-VIDE Martin : University of Barcelona, (Espagne).
- Dr. KAMBOLOV Dzambolat Arkadyevich: North Caucasus Mining and Metallurgical Institute (State Technological Institute), (Russie).
- Dr. KOUBA Yacine, M'Hamed Bougara University of Boumerdes (Algeria).
- Pr. KITOUNI Ilhem: University of Abdelhamid Mehri Constantine 2, (Algeria).
- Dr. IRMOULI Bilal : National Higher School of Fine Arts (Algeria).
- Dr. KEDDARI Dounia : Territory planning Research Center, (Algeria).
- Pr. KHARRAT Fakher :National School of Architecture and Urbanism (Tunisia).
- Dr. KHOLINA Veronika : RUDN: Peoples' Friendship University of (Russie).
- Pr. MAKİNEÇİ Ender : Istanbul University, (Turquie).
- Dr. MARTIN CONSUEGRA Ávila Fernández, Instituto Eduardo Torroja de ciencias de la construcción. Consejo Superior de Investigaciones Científicas, (Espagne).
- Dr. METTALLAOUI Mohamed AbdelAziz: HMS urban and heritage conservation, (Arabie Saoudite)
- Pr. MOHAMED ALI Yasmine Abdelkrim : University of Mosul (Iraq).
- Dr. NAIMI Sinane Abd Younes Houcine : Museum Conservation (Qatar).
- Dr. NAUMOV Alexey : Lomonosov Moscow State University, (Russie).
- Dr. NAIT AMAR Nadra : University of Constantine 3, (Algeria).
- Dr. ORLOVA Nina : North Caucasus Mining and Metallurgical Institute (State Technological University), (Russie).
- Pr. OST Christian : Raymond Lemaire International Centre for Conservation, KU Leuven (Belgique).
- Pr. SAHRAOUI BELABED Badia : University of Constantine 1, (Algeria).
- Dr. SAIGHI Ouafa : Territory planning Research Center, (Algeria).
- Pr. SALEMKOUR Nora : Scientific and Technical Research Center on Arid Regions (Algeria).
- Dr. SELIM Muhammed Salah El Din: RUDN: Peoples' Friendship University of Russia.
- Dr. VILA Subiros, Josep: University of Girona (Spain).
- Pr. ZANOVELLO Paola : University of Padova, (Italy).
- Pr. ZAROOUR Karim : University of Abdelhamid Mehri Constantine 2, (Algeria).
- Dr. ZOUIDI Mohamed : Territory planning Research Center, (Algeria).

Organizing Committee

- Honorary Chair :Pr. BENABBAS Chaouki
- Symposium chair: Dr. SEGHIRI BENDJABALLAH Meriem
- Scientific committee chair: Pr. AIBECHE Youcef
- Symposium Coordinator :Dr. BENZAGOUTA Yasser-Nassim
- Organizing Committee Chair :Dr. BOUMEZBEUR BOUZA Insaïf

- Dr. ALLIOUA Meriem : CRAT
- Dr. ALLIOUCHE Ahmed : CRAT
- Dr. BENDAHMANE Lotfi : CRAT
- Dr. BELKENDIL Abdeldjalil : CRAT
- Dr. BENZID Yacine : CRAT
- Dr. BOURECHEROUCHE Meriem : CRAT
- Mrs. BOUHADJAR Esma : CRAT
- Dr. BOUTELDJA Meriem : CRAT
- Mr. BOULCINA Abdelkrim : CRAT
- Ms. BOULHOUCAT Zineb : CRAT
- Mr. BOURSAS Nabil : CRAT
- Dr. BOUMALI Badreddine : UC3
- Dr. DAKSI Yacine : CRAT
- Mr. DEBBACHE Abdelaziz : CRAT
- Dr. DINAR Haythem : CRAT
- Dr. FERGANI Radja : CRAT
- Dr. HARKAT Imane : CRAT
- Ms. KEBLOUTI Sarra : CRAT
- Dr. LALMI Abdallah : UC3
- Dr. REBOUH Noh : CRAT
- Dr. SEBBIH Abdelhak : CRAT
- Dr. TOUT FAICEL : CRAT

- **Special Guest: Lt. Col. SALVATORI Paolo Commander of the Sezione Archeologia del Reparto Operativo Carabinieri Tutela Patrimonio Culturale.**

ARGUMENT

The Symposium explores the potential of technological advancements for safeguarding and enhancing the tourist appeal of heritage sites situated in high-risk areas. Its primary goal is to develop a research and development strategy through a series of studies, experiments, and interventions.

This event aligns with the commemoration of Heritage Month, organized by Algeria's Ministry of Culture and Arts (April 18 - May 18, 2024), under the theme "Cultural Heritage and Risk Management." The Symposium also coincides with the 2024 edition of the International Day for Monuments and Sites, organized by ICOMOS under the theme "Disasters and Conflicts Through the Prism of the Venice Charter."

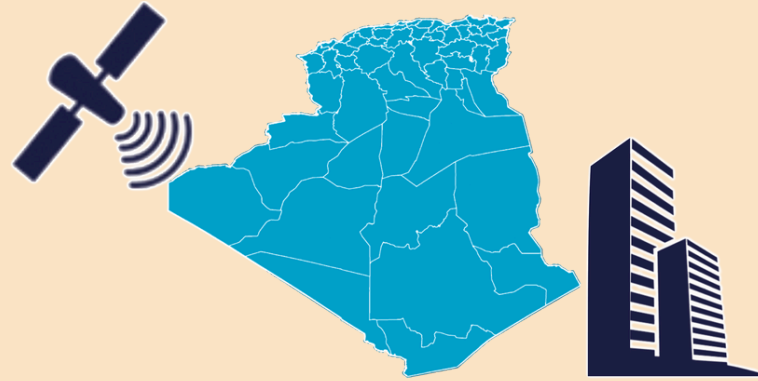
CRAT envisions this Symposium as a platform for reflection on the challenges of preserving cultural diversity and biodiversity, closely linked to territorial planning.

The objective is to leverage advanced technologies to explore innovative research pathways that can support the creation of an integrated strategy for preserving, enhancing, and promoting cultural and natural areas for tourism. This approach seeks to balance heritage valorization, territorial planning innovation, and sustainable tourism development in risk-prone environments.

Symposium Topics:

01. Cultural and Natural heritage as a lever for sustainable regional development
02. Risks inherent in cultural and natural areas
03. Applying advanced technologies to safeguard and manage heritage-related Risks
04. Advanced technologies to enhance the attractiveness and tourism potential of cultural and natural heritage





مركز البحث في تهيئة الإقليم
Territory Planning Research Center
Centre de Recherche en Aménagement du Territoire

