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| **Geosciences 2025**  ***4th Colloquium of the Cameroon Association of Geosciences*** | | |
| ***Let’s Build a Sustainable Blue Economy Together***  ***From November 12 to 14, at the University of Bertoua*** | | |

***TERMS OF REFERENCE (ToR)***

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| ***PATRONAGE*** | |
| ***Minister of State, Minister of Higher Education*** | ***: Pr Jacques FAME NDONGO*** |
| ***SUPERVISION*** | |
| ***Rector or the University of Bertoua*** | ***: Pr Dieudonné Emmanuel PEGNYEMB*** |
| ***EXECUTIVE COMMITTEE OF CAG*** | |
| ***President : Pr NDJIGUI PAUL-Désiré (UY1)***  ***Vice Presidents :***   * ***Dr PENAYE Joseph IRGM*** * ***Pr TABOD Charles TABOD (UBa)***   ***Secretary-General : Pr OWONA Sébastien (UBe)***  ***Deputy Secretary-General : Pr EBOT MANGA Veronica (UB)***  ***Treasurer : Pr BASSEKA Charles Antoine (UDo)*** | ***Auditors :***   * ***Prof. WOUATONG A. (UDs)*** * ***Prof. MBESSA Michel (ENSTP)***   ***Advisors :***   * ***Prof. TCHAMENI Rigobert (UN)*** * ***Prof. TEMATIO Paul (UDs)*** * ***Prof. NGOS III Simon (UM)*** * ***Prof. NJILAH Isaac KONFOR (UY1)*** |
| ***Technical Advice and Support : VRCREME/SG/DAAC/DRG/-UBe - Comité-CAG***  [***https://www.univ-bertoua.cm/***](https://www.univ-bertoua.cm/)  ***2025*** | |

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**Introduction**

The 4ᵗʰ Conference of the Cameroonian Geosciences Association (CAG), *Bertoua-Geosciences-2025*, will be held at the University of Bertoua under the theme *“Building Together a Sustainable Blue Economy.”* This event will bring together experts, researchers, decision-makers, public and private actors to address key issues related to the sustainable use of natural resources, risk management, and the energy transition. The conference will provide a platform for dialogue on resource governance, geoscientific risks, innovation, and the integration of scientific data into public policy, while strengthening partnerships and raising the profile of the geosciences sector in Cameroon.

# **1. Context and the Role of Geosciences and the CAG**

Against a backdrop of rapid population growth and increasing pressure on resources, geosciences represent a crucial lever for sustainable development in Cameroon. They contribute to the sound management of natural resources, risk prevention, energy transition, and climate change adaptation, in line with the National Development Strategy 2020–2030 (SND30).

However, this potential remains underutilized due to a lack of coordination and visibility. It is therefore essential to strengthen applied research, education, scientific outreach, and cross-sectoral synergies.

The Cameroonian Geosciences Association (CAG) works towards these goals by uniting stakeholders around the following objectives:

* Promoting geoscience education, research, and outreach;
* Establishing a collaborative scientific network;
* Enhancing the visibility of Cameroonian research;
* Raising policymakers' awareness of the strategic importance of geosciences;
* Organizing dissemination events, including the Bertoua-Geosciences-2025 conference.

# **2. Justification, Specific Objectives, and Target Audience**

# **2.1. Justification**

In the context of economic and environmental transformation, this conference aims to mobilize scientific expertise in geosciences to support inclusive and sustainable development. It seeks to bridge the gap between research, innovation, and governance by highlighting the contributions of geosciences to the blue economy—an emerging strategic priority for Cameroon.

# **2.2. Specific Objectives**

* Showcase and disseminate geoscientific research;
* Foster cooperation among researchers, policymakers, and socio-economic actors;
* Explore new funding opportunities for innovation;
* Strengthen dialogue between science and public policy;
* Promote the role of geosciences in sustainable resource management.

# **2.3. Target Audience**

* Academic staff, PhD candidates, and students;
* Government officials and local authority representatives;
* Companies (mining, energy, agriculture, construction, environment);
* NGOs and technical and financial partners.

**3. Call for Papers – Bertoua Geosciences 2025**

# **3.1. A High-Impact Conference**

This conference aspires to become a regional benchmark on sustainable blue economy issues, positioning both CAG and Cameroon as key players in this domain.

# **3.2. Main Themes**

1. Geosciences, governance, legislation, and sustainable development
2. Blue economy, natural resource exploitation, and socio-economic dynamics
3. Geological hazards, infrastructure resilience, and disaster risk management
4. Sustainable natural resource management, innovation, and geoscientific technologies
5. Climate change, adaptation, and resilience of natural and human systems
6. Public-private synergies for sustainable geosciences development
7. Geoscience Outreach and Education—Awareness, Training, and Professional Development
8. Hydrogeology, water management, and geoscientific solutions for resilience
9. Geomaterials, geotourism, and geoheritage valorization
10. Geological and mining mapping, land-use planning, and sustainable urban development
11. Regional geology, geomorphology, and land dynamics
12. Fundamental geosciences: geophysics, geochemistry, and mineralogy
13. Marine ecosystems, biodiversity, and ecosystem services for a sustainable blue economy

# **3.3. Why Participate? Distinctions and Benefits**

* Opportunities for interdisciplinary exchange;
* Recognition and dissemination of research and experience;
* Networking with national and international experts;
* Conference proceedings publication;
* Certificates of participation and academic recognition.

# **3.4. Submission Deadline**

Paper proposals (abstracts) must be submitted by **September 30, 2025** to the following address: **bertoua2025@gmail.com**

# **4. Support, Impact, and Institutional Partnerships**

# **4.1. Institutional Support and National & International Impact**

The 4ᵗʰ Bertoua Geosciences Conference benefits from the strategic support of the University of Bertoua, mobilizing all eight of its faculties and technical institutes in a fully interdisciplinary approach. This broad involvement gives the event enhanced scientific and societal relevance, positioning the University as a regional center of excellence.

The conference is jointly supported by:

* Faculty of Science (FS)—core geoscientific research (minerals, water, energy, geological hazards);
* Faculty of Law and Political Science (FSJP)—resource governance, environmental law, and public policy for the blue economy;
* Faculty of Economics and Management (FSEG)—sustainable business models, resource valorization, blue economy value chains;
* Faculty of Arts, Letters, and Humanities (FALSH)—social, cultural, and heritage dimensions of geosciences, public awareness;
* Higher Teachers' Training College (ENS)—integrating geosciences and ecological transition in educational curricula and teacher training;
* School of Water and Tourism Sciences and Technologies (ESSUT)—sustainable water management, geotourism, geoheritage and local development;
* School of Mines and Energy Resources Transformation (ESTM)—responsible transformation of mineral and energy resources in line with sustainability goals;
* Higher Institute of Agriculture, Wood, Water, and Environment—integrated ecosystem management, biodiversity conservation, and agro-environmental innovation.

# **4.2. Public, Private, and International Partnerships**

The conference aims to strengthen cross-sector cooperation by bringing together public institutions, businesses, academia, and international partners around key geoscience issues.

Public-sector ministries involved focus on three main action areas:

* Education, Research, and Innovation (MINESUP, MINRESI, MINEDUB, MINESSEC, MINEFOP);
* Natural Resources, Environment, and Energy (MINMIDT, MINEPDED, MINFOF, MINEE, MINADER, MINES);
* Planning, Governance, and Territorial Development (MINEPAT, MINFI, MINTOUL, MINJEC, MINAT, MINDUH, MINTP, MINPMEESA).

The conference also encourages participation from:

* State-owned enterprises (SNH, SONAMINE, IRGM, SCDP, SONARA, CSPH, CNC), supporting research, innovation, and industrial valorization;
* State universities, private higher education institutions, doctoral schools, and private sector companies working in geosciences, infrastructure, environment, and sustainable tourism;
* International partners (SCAC, DAAD, UNESCO, UNICEF, WFP, UNDP), contributing to international visibility, young researcher training, and technology transfer.

# **4.3. Local Organization, Scientific Oversight, and Invited Speakers**

The conference engages local organizations, especially universities and research centers in the region, as well as national and international experts.

The presence of representatives from scientific organizations will ensure the quality and relevance of the discussions.

# **4.4. Patronage and Oversight**

The conference is officially under the patronage of the Ministry of Higher Education. It is also under the institutional supervision of the Rector of the University of Bertoua and the scientific and strategic guidance of the Cameroonian Geosciences Association (CAG)—guaranteeing rigorous academic and institutional leadership.

# **4.5. Scientific Committee and Local Organization**

The Scientific Committee, composed of multidisciplinary experts in geosciences, law and political science, economics and management, and humanities and social sciences, will ensure scientific excellence and thematic consistency throughout the conference.

In addition, local organizing committees and institutional focal points from regional institutions and key partners will handle operational coordination, local outreach, and territorial mobilization—ensuring efficient organization and a strong territorial presence.

# **4.6. Outcomes, Impact, and Communication**

The conference aims to ensure **long-term impact** by:

* Formally drafting and transmitting resolutions and recommendations to relevant national and regional bodies;
* Publishing official conference proceedings in both print and digital formats to maximize knowledge dissemination;
* Submitting the best scientific articles, selected by the Scientific Committee, to indexed international journals, thus enhancing Cameroonian research visibility;
* Awarding honors and prizes to outstanding contributions in scientific excellence and innovation for sustainable development.

The conference will also:

* Foster stronger links between universities, research centers, local governments, ministries, and businesses;
* Stimulate scientific cooperation through new South-South and North-South partnerships and promote academic mobility;
* Promote better integration of geoscientific data into public policy and territorial planning;
* Raise awareness among populations and economic actors on the importance of geosciences for sustainable resource management, risk resilience, and geoheritage valorization.

An ambitious communication strategy will accompany the event:

* Media coverage across print, broadcast, and digital outlets;
* Dedicated website and social media promotion;
* Dissemination of post-event reports to extend the conference’s impact.

Finally, as a platform for excellence and partnerships, the conference will offer:

* Exhibition spaces for showcasing geoscience-related products, services, and innovations;
* Enhanced institutional visibility on campus and in communication materials;
* Official recognition for partners and sponsors supporting scientific progress and sustainable development.

# **Conclusion**

The 4ᵗʰ Bertoua Geosciences Conference will be a milestone in advancing geosciences for sustainable development in Cameroon and the region. Through its interdisciplinary approach, institutional mobilization, and strong territorial roots, the conference will:

* Strengthen ties between scientific knowledge and public decision-making;
* Foster innovation and technology transfer;
* Promote sustainable and responsible resource management;
* Raise awareness among stakeholders on contemporary geoscientific challenges.

As a space for scientific excellence and new partnerships, the conference will contribute to positioning the University of Bertoua and its partners as leading players in applied geosciences for sustainable development.

The scientific community, decision-makers, economic actors, and citizens are thus invited to make *Bertoua-Geosciences-2025* a landmark event for shared commitment and excellence.

# **Annexes**

# **A.1 Scientific Committee**

**Président** : Prof. Rigobert TCHAMENI (FS-UN)

# **A.1.1 Geosciences**

**Vice-Presidents:** Prof. Vincent Laurent ONANA (UEb), Prof. Richard GHOGOMU TANWI (ISABEE-UBe), Prof. Sylvestre NGANNO (FS-UYI)

**Members:** Prof. Paul-Désiré NDJIGUI, FS-UYI; Prof. Benjamin NGOUNOU NGATCHA, FS-UN’DERE; Prof. Simon NGOS III, FS-UYI; Prof. Jules Remy NDAM NGOUPAYOU, UYI; Prof. Rose YONGUE FOUATEU, FS-UYI; Prof. Marie Joseph NTAMAK-NIDA, FS-UD; Prof. Sébastien OWONA, FS-UBe; Prof. Michel MBESSA, ENSTP; Prof. Maurice KWEKAM, FS-Uds; Prof. Gilbert NGON NGON, UD; Prof. Christopher AGYINGI, FS-UB; Prof. Vincent Laurent ONANA, UYI; Prof. Alain TIEUDEU, FS-UYI; Prof. Donatien NJOMO, FS-UYI; Prof. René TCHINDA, IUT-DSG; Prof. Alexis KUITCHE, UN’DERE; Prof. Jean MBIHI, ENSET-UD; Prof. Jean François ESSIBEN DIKOUNDOU, ENSET-UD; Prof. Eric Martial FOZING, FS-UDs; Prof. Pascal NTSAME ELOUNDOU, UN’DERE; Prof. Vishiti AKUMBON, IUT-UD; Prof. Arnaud Patrice KOUSKE, IUT-UD; Prof. Christianne Huguette EMVOUTTOU, FS-UD; Prof. Suzanne NKOT, FS-UD; Pierre WOTCHOKO, FS-UBa.

# **A.1.2 Legal and Political Sciences**

**Vice-President:** Prof. Robert MBALLA OWONA (FSJP-UBe)

**Members:** Prof. Ntah A Matsah Henri (FSJP-UBe); Prof. Akono Ongba Sedena (FSJP-UBe); Prof. Guessele Isseme Lionel (FSJP-UYII); Prof. Nkoulou Yannick Serge (FSJP-UBe); Prof. Akono Adam Ramsès (FSJP-UBe); Prof. Djonga Pierre (FSJP-UBe); Prof. Ngnintedem Jean Claude (FSJP-UBe); Prof. Moneboulou Minkada Hervé Magloire (FSJP-UDo); Prof. Ntono Tsimi (FSJP-UYII); Pr Nyabeyeu Tchoumkeu Léopold (FSJP-UMa); Pr Atemengue Jean de Noël (FSJP-UN) ; Pr Abdou Nasser (FSJP-UMa) ; Pr Soweng Dieudonné (FSJP-UDs) ; Pr Ngouyamsa Mefire (FSJP-UN) ; Pr Abdou Nasser (FSJP-UMa).

# **A.1.3 Economic and Management Sciences**

**Vice-President:** Prof. Bernard MEKA’A COSMAS (FSEG-UBe)

**Members:** Prof. Claudette ANEGA NKOA, FSEG-UYII; Prof. Désiré AVOM, FSEG-UYII; Claude BEKOLO, FSEGA-UDo; Prof. Bruno BEKOLO EBE, FSEG-UYII; Prof. Sébastien BEKONO, FSEG-UN; Prof. Charles Alain BITA, FSEG-UN; Prof. Mireille BITYÉ, FSEG-UBe; Boniface BOUNOUNG FOUDA, IRIC-UYII; Prof. Marcel DAMA DIE, FSEGA-UDo; Prof. Gilles ETOUNDI ELOUNDOU, FSEGA-UDo; Prof. Françoise OKAH EFOGO, FSEG-UBe; Prof. Sigismond Hervey MVELE, FSEG-UEbo; Prof. Mondjeli MWA NDJOKOU, FSEG-UMa; Henri NGOA TABI, FSEG-UYII; Celine NOAH, FSEG-UYII; Prof. Emmanuel NWAHANYE, FSEG-UBe; Prof. Viviane Madeleine ONDOUA BIWOLÉ, FSEG-UYII; TOUNA MAMA, FSEG-UYII; Prof. Roger Pepin TSAFACK NANFOSSO, FSEGA-UDs; Prof. Marie-Thérèse UM-NGOUEM, FSEGA-UDo; Prof. Christian ZAMO AKONO, FSEGA-UDs.

# **A.1.4 Human and Social Sciences**

**Vice-Presidents:** Prof. Célestin Christian TSALA TSALA; Prof. Martin Paul ANGO MEDJO

**Members:** Prof. Daniel Valérie BASKA TOUSSIA, FLSH-UBe; Prof. Dieudonné BOUBA, FLSH-UYI; Prof. BRING, FLSH-UN; Prof. Éric Joël FOFIRI NZOSSIÉ, FLSH-UN; Prof. Boniface GANOTA, FLSH-UMa; Prof. Bernard GONNE, FLSH-UMa; Prof. Natali KOSSOUMNA LIBA’A, FLSH-UMa; Prof. ABDOURAMAN TOM, FLSH-UMa; Prof. Joséphine LÉMOUOGUÉ, FLSH-UDs; Prof. Luc Stéphane MASSOMA, FLSH-UBe; Prof. Paul ELOUNDOU MESSI Basile, FLSH-UMa; Prof. Lawrence AKEY MBANGA, FLSH-UBa; Prof. Madeleine MBANMEYH, FLSH-UGa; Prof. Rose MEDIEBOU CHINDJI, FLSH-UYI; Prof. Jeannot MVE BELINGA, FLSH-UBe; Prof. OUMAROU TROUMBA, FLSH-UB; Prof. Abel TEWECHE, FLSH-UGa; Prof. Anselme WAKPONOU, FLSH-UBe; Prof. Clarkson WANIE, FLSH-UBa; Prof. Félix WATANG ZIÉBA, FLSH-UMa; Prof. Joseph WOUDAMIQUE, FLSH-UMa.

# **A.2 Local Organizing Committee**

**President:** Prof. Sébastien OWONA (FS-UBe, Secretary General of CAG)

**General Secretariat:** Dr. Philippe SAMBA ASSOMO (ENS-UBe), Dr. Aloys NDZIE MVINDI (ENS-UBe), Dr. Armel EKOA BESSA (ENS-UBe), Dr. Sylvain KOUAYEP LAWOU (FS-UBe)

**Finance:** Dr. Carole OKOMO (ENS-UBe), Dr. Elvine EDJENGTE (FS-UBe)

**Logistics:** Dr. Sylvain KOUAYEP LAWOU, Dr. Philippe SAMBA ASSOMO (ENS-UBe)

**Fundraising:** Prof. Sébastien OWONA (FS-UBe), Prof. Firmin NTOUALA (ESTM-UBe), Dr. Carole OKOMO (ENS-UBe), Dr. Sylvain KOUAYEP LAWOU (FS-UBe), Dr. Philippe SAMBA ASSOMO (ENS-UBe)

**Transport and Accommodation:** Dr. Sylvain KOUAYEP LAWOU (FS-UBe), Dr. Philippe SAMBA ASSOMO (ENS-UBe)

**Health and Safety:** Head of the UBe Medical and Social Center + representative from Biomedical Sciences

**Public Relations and Protocol:** Local Bertoua Committee

**Advisors:** General Directors of EPA, Vice-Rectors, Heads of Schools of the University of Bertoua, CAG Committee

# **A.3 Institutional Focal Points**

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| **N°** | **Structure** | **Focal Point** |
| 1 | PRC (Presidency of the Republic) | M. Lionel AMOUGOU |
| 2 | MINADER (Agriculture and Rural Development) | Regional Delegate - East |
| 3 | MINAT (Territorial Administration) | Mrs. YAB Abdou |
| 4 | MINDUH (Urban Planning and Housing) | Regional Delegate - East |
| 5 | MINEDUB (Basic Education) | Regional Delegate - East |
| 6 | MINEE (Energy and Water) | Regional Delegate - East |
| 7 | MINEFOP (Vocational Training) | Regional Delegate - East |
| 8 | MINEPAT (Economy, Planning and Regional Development) | Regional Delegate - East |
| 9 | MINEPDED (Environment, Nature Protection and Sustainable Development) | Mr. Emile ONANA |
| 10 | MINES (Mines) | Regional Delegate - East |
| 11 | MINESSEC (Secondary Education) | Mrs. Marie Thérèse BILOA AKOSSOAVI, Kenneth NFOR, IPN GEOLOGY |
| 12 | MINESUP (Higher Education) | Prof. Raoul Gustave NKOUE NDONDO |
| 13 | MINFI (Finance) | Regional Delegate - East |
| 14 | MINFOF (Forests and Wildlife) | Regional Delegate - East |
| 15 | MINMIDT (Industry, Mines and Technological Development) | Dr. Jean Camille TONJE |
| 16 | MINPMEESA (Small and Medium Enterprises) | Regional Delegate - East |
| 17 | MINRESI (Scientific Research and Innovation) | Prof. Jacqueline NUMBEM TCHAKOUNTÉ |
| 18 | MINTOUL (Tourism and Leisure) | Regional Delegate - East |
| 19 | MINTP (Public Works) | Prof. Quentin YENE ATANGANA |
| 20 | University of Yaoundé I | Prof. Dieudonné BISSO |
| 21 | University of Yaoundé II | Prof. Alain Franklin ONDOUA |
| 22 | University of Douala | Prof. François MVONDO OWONO |
| 23 | University of Ebolowa | Prof. Vincent Laurent ONANA |
| 24 | University of Buea | Prof. AYINGUI |
| 25 | University of Bamenda | Prof. Oliver NJOH |
| 26 | University of Maroua | Prof. DAOUDA |
| 27 | University of Ngaoundéré | Prof. Désiré BALLA ONDOA |
| 28 | University of Garoua | Dr. DIGUIM |
| 29 | University of Dschang | Prof. Lucas KENGNI |
| 30 | IRGM (Institute of Geological and Mining Research) | Dr. Moïse BESSONG |
| 31 | SNH (National Hydrocarbons Company) | Mr. Serges MBIDA |
| 32 | SONAMINE (National Mining Company) | Mr. Jean Pierre ADJONGO |
| 33 | MIPROMALO (Local Materials) | Prof. BIDOUNG Calvin |
| 34 | IRAD (Agricultural Research for Development) | Chef Laboratoire d'Analyse des sols, plantes, eaux et engrais |
| 35 | INC (National Cartography Institute) | Dr. Olivier Noël LEUMBE LEUMBE |
| 36 | PAD (Autonomous Port of Douala) | Mr. Joël MBITA |
| 37 | KIMBERLEY PROCESS | Mr. Daniel ELOUN NNA |
| 38 | CAMWATER (Water) | Branch Manager, Camwater Bertoua |
| 39 | ENEO (Electricity) | Mr. Gérard KAMANDA |
| 40 | SONATREL (Electricity Transmission) | Branch Manager, SONATREL Bertoua |

**On behalf of the Cameroonian Association of Geosciences  
The Chairman of the Local Committee**