












GLOBAL SUMMIT & TRAINING PROGRAM ON ARTIFICIAL INTELLIGENCE, DIGITAL TECHNOLOGY, ADVANCED SCIENCE AND LAW FOR SUSTAINABLE DEVELOPMENT

(GLOTADALS 2026)

Charlotte (Concord), North Carolina, USA., Monday, July 20 – Saturday, July 25, 2026

VENUE: EMBASSY SUITES BY HILTON, CHARLOTTE-CONCORD, NC, USA

ORGANISING INSTITUTIONS

	Institute of Law Research & Development of United Nations (ILAWDUN), Washington DC, USA.
	The Pennsylvania State University (Penn State), State College, PA, USA.
	Global Institute of Sustainable Dev., Advanced Analysis and Design (GISDAAD), NC., USA.
	RMIT University, Melbourne-Victoria, Australia
	University of Ljubljana (UL), Ljubljana, Slovenia
	African Academy of Sciences (AAS), Nairobi, Kenya
	Indian Institute of Technology Bombay (IITB), Mumbai, India
	International Center for Community Development (ICCD), Concord/ Charlotte, NC, USA.
	University of North Carolina, Charlotte, USA.



OBJECTIVES OF THE SUMMIT

The Global Summit & Training Program on Artificial Intelligence, Digital Technology, Advanced Science and Law for Sustainable Development (GLOTADALS) 2026 is a transformative 6-day program that explores the integration of artificial intelligence, digital technology and advanced science into legal frameworks, and addresses global challenges posed by artificial intelligence and digital technology, as well as enhancing the use of AI, digital technology and multidisciplinary science techniques of discovery and innovations in different sectors. The program will be hosted in Charlotte (Concord), North Carolina., United States of America, from **July 20 – 25, 2026**. The Summit brings together the world's most influential leaders to tackle the toughest AI questions, confront known, observable and unforeseen challenges, and bring clarity to an AI governance toward sustainable development. It aims to showcase the potential benefits of AI, digital technology and advanced science, while critically analysing their risks. It seeks to promote innovation-driven, flexible and forward-looking scientific, technological, legal and policy approaches that bridge existing gaps and explore emerging trends in artificial intelligence, electronic and digital technology, multidisciplinary scientific techniques of discovery and innovation, and their nexus with law for sustainable development. Furthermore, the program aims to address pressing issues across the various sectors integrated with AI, offering innovative solutions to the prevailing stressors. It aims to strengthen international cooperation and knowledge exchange that reinforces AI advancement initiatives of the leading AI environment, such as the United States and other UN member states, while encouraging inclusive global participation. Ultimately, the program will develop a proposed Global Compact Framework on AI and Digital Technology (DT) toward Sustainable Development, recommending it to the UN and its member states.

KEY TIMELINES OF THE SUMMIT

Nov. 25 – 30, 2025	Announcement of Program, Call for Abstracts, Exhibitions, and Sponsorships
Nov. 25, 2025	Call For Nominations for the Laurel Prize and Merit Award of ILAWDUN
Dec. 01, 2025	General Call for Early Registration for the Summit and Training Program
Jan. 01- April 10, 2026	Issuance of Invitation Letters to Confirmed International Early Registrants for Visa Application
Jan. 01 – May 05, 2026	Review and Notification of Accepted Abstracts
April 30, 2026	Abstract Submission Deadline
March 31, 2026	Deadline for Early Registration for the Summit and Training Program
April 01, 2026	Opening of Late Registration for the Summit and Training Program
April 10 – July 15, 2026	Issuance of Invitation Letters to Confirmed International Late Registrants for Visa Application
May 2 0, 2026	Deadline for Sponsored Session Proposals and Exhibition Plan Proposal
May 31, 2026	Release of the Full Event Program and Proceedings and Sending to the Participants Upon Request.
June 20, 2026	Deadline for Nominations for the Laurel Prize and Merit Award of ILAWDUN
June 30, 2026	Closing Date for Final Registration
July 19, 2026	Arrivals
July 20-25,2026	The Summit and the Training Program
July 25, 2026	Dinner, Awards, and Cultural Night

It is with profound enthusiasm and a shared sense of global responsibility that we invite you to the **GLOTADALS 2026** – Global Summit and Training Program on Artificial Intelligence, Digital Technology, Advanced Sciences and Law for Sustainable Development, scheduled to take place in Charlotte (Concord), United States of America, from **July 20 to 25, 2026**. As you may know, the rapid advancement of artificial intelligence and digital technologies is redefining innovation, scientific discovery, productivity and economic growth across industries and societies worldwide. From advanced research and manufacturing to finance, healthcare, security, climate solutions and public services, AI and digital technologies are accelerating breakthroughs at an unprecedented scale, positioning the United States and other leading innovation economies at the forefront of global AI leadership. At the same time, the expanding deployment of AI and digital technologies across public, economic, financial, social, diplomatic, security, environmental and health systems calls for thoughtful collaboration among industry leaders, scientists, technologists, policy-makers and legal experts to ensure that innovation remains trustworthy, competitive and aligned with long-term societal goals. Rather than constraining progress, adaptive legal, ethical and governance approaches can serve as enabling frameworks that support innovation, market growth and sustainable development.

Recognising these dynamics, the **Global Summit & Training Program on Artificial Intelligence (AI), Digital Technology (DT), Advanced Science and Law for Sustainable Development (GLOTADALS)** is designed as a forward-looking platform to address critical questions, including: how AI experts, scientists, technologists, public and corporate actors, legal practitioners and policy-makers can effectively adapt to AI-driven transformation; how innovation-friendly frameworks can strengthen public trust and global cooperation; how AI and digital technologies can enhance efficiency, equity and resilience in governance and industry; and how AI, DT and advanced science can be strategically deployed to drive sustainable development across key sectors, including the economy, finance, security, environment, health systems, judicial processes, policy design and diplomatic engagement.

The summit is, therefore, uniquely positioned to convene AI industry leaders, researchers, innovators, investors, policy-makers, legal professionals and global institutions to chart actionable pathways for the responsible and scalable development of AI and digital technologies. By fostering partnerships and discussions, the Summit seeks to ensure that advancements in AI and DT align with international goals for sustainable development and reduce negative impact on humanity while fostering the evolution of technology and scientific advancement for the benefit of mankind. **GLOTADALS 2026** is not just another event. It is a movement for legal foresight, scientific and technical expertise, a training ground for global actors, and a platform for shaping the scientific and legal DNA of tomorrow's AI-powered society. It brings together AI developers, technologists, scientists, judges, lawyers, policy-makers, diplomats, scholars and civic actors to engage in deep conversations, hands-on learning, strategic collaboration and forward-looking solutions.

Why This Summit Matters:

- The Summit positions AI, digital technology and advanced science and law as engines of innovation, competitiveness and sustainable development in a rapidly evolving global economy.
- It provides practical training and knowledge exchange for AI practitioners, technology innovators, scientists, legal professionals, policy-makers and governance and corporate actors on advancing AI responsibly and at scale.
- It convenes AI industry leaders, researchers and multidisciplinary experts to co-create forward-looking solutions that strengthen innovation ecosystems while building global trust.
- It strengthens collaboration between the United States and other UN member states, leveraging US leadership in AI and science to drive global impact.
- The summit will design the global legal architecture for an AI-Driven future.
- Convening experts across disciplines to co-create a Global Compact Legal Framework on AI and DT for Sustainable Development, to be recommended to the leading AI environment, such as the United States and other UN member states.
- It offers global networking opportunities, industry engagement and intercontinental cultural immersion.
- It honours excellence, leadership and innovation through the Laurel Honours and Merit Awards.

What Awaits Participants:

- 6 Days of immersive training, thought leadership sessions, and high-level dialogues;
- 30 Professional Certified Courses across thematic tracks;
- Renowned Institutions and Partners, including industry experts and academic institutions;
- Exhibitions and Sponsored Sessions;
- Cultural performance, which includes intercontinental parade, music, bands, troupes, and artists' concerts.
- ILAWDUN Prize Laureates Prizes Award, and Dinner Event.

Summing up, the **GLOTADALS** is designed with the following key aims: **Bridge Knowledge Gaps** – Facilitate the understanding of the interplay between artificial intelligence, digital technology, advanced science and law, particularly their roles in addressing pressing global challenges and achieving sustainable development; **Promote Innovation** – Explore and showcase innovative strategies, policies, and frameworks for the ethical integration of AI and DT into public institutionalism and private sector: economic, financial, social, diplomatic, security and intelligence systems, environmental and health systems, and judicial system, legislative and legal practices, etc.; **Address AI-Driven Legal Risks** – Identify and propose actionable solutions to mitigate risks associated with AI and digital technology adoption in legal and governance systems while maximizing their benefits; **Empower Legal practice and judicial functions** – Enhance the capacity of legal professionals, policymakers, and judicial institutions through practical, hands-on training sessions on DT and AI's applications in law and governance; **Encourage Multidisciplinary Science and Policy Collaboration** – Foster partnerships and collaboration among professionals, policymakers, AI researchers and players, academics, scientists and technology enthusiasts to align efforts towards sustainable and ethical deployments of AI and DT; **Raise Awareness of Ethical AI and DT Use** – Educate participants about the importance of fairness, justice, and equity in DT and AI-driven innovations to ensure that usage aligns with global sustainable development goals. We urge every visionary practitioner, policymaker, academic, scientists, and AI enthusiasts concerned with development to be part of this global moment. Let us gather in Charlotte (Concord), North Carolina, USA as co-architects of a more just, inclusive, and sustainable digital future.

Cyprian F. Edward-Ekpo, LL.D

Director-General, Institute of Law Research & Development of United Nations (ILAWDUN), Washington, DC, USA (Chair, SAC)

SUMMIT STRUCTURE

This Summit will feature **an opening plenary session, keynotes and panel sections' presentations** by practical field and industry experts and renowned researchers, who will share their insights on trending issues at the intersection of **AI, DT, Law, Advanced Science and Sustainable Development**, drawing from their career experiences, impactful contributions, and achievements. These sessions will provide a platform for exploring how AI is transforming legal frameworks and will address challenges across various domains, as can be seen on page 6 below (The Summit Themes). There will be certified training courses across thematic areas, taught by industry experts and academics from renowned institutions (**for more information on the training courses, see Appendices I, II and III**). The Summit will further include exhibitions, and will come to a close with a grand-finale dinner and inauguration of the post-summit draft framework committee, and award night celebrating excellence and awarding nominated winners of **ILAWDUN Laurel Prize Honors and Merit Awards** among global nominated winners, including the program most global nominated AI experts and top-performing participants.

SUMMIT LEADERSHIP

SUMMIT ADMINISTRATION COUNCIL

CHAIR

- **Prof. Cyprian F. Edward-Ekpo**, *Director-General, Institute of Law Research & Development of United Nations (ILAWDUN), Washington DC., USA*

CO-CHAIRS

- **Prof. Hilary I. Inyang**, *Chair and Distinguished Professor, Global Institute of Sustainable Development, Advanced Analysis and Design (GISDAAD), Concord, North Carolina, USA.; Former US. Ambassador's Distinguished Scholar to Ethiopia; and Former Duke Energy Endowed Professor & Director, Global Institute for Energy and Environmental Systems (GIEES), University of North Carolina, Charlotte, USA.*
- **Prof. Mathias Fonkam**, *Associate Professor, Penn State College of Information Science & Tech., Pennsylvania State University, State College, USA.*
- **Prof. Kefei Zhang**, *Inaugural Managing Director, SPACE Research Centre, RMIT University, Melbourne, Australia*
- **Prof. Joze Kortnik**, *The Academic and Research Network of Slovenia, University of Ljubljana (UL), Ljubljana, Slovenia*
- **Prof. D.N. Singh**, *D.L. Shah Chair Professor for Innovation, Indian Institute of Technology Bombay (IITB), India*
- **Prof. Lise Korsten**, *President, African Academy of Sciences (AAS), Nairobi, Kenya; and Co-Director of the DST-NRF Centre of Excellence, University of Pretoria, South Africa.*
- **Prof. Shen-En Chen, PhD. P.E.**, *Dept. of Environmental Engineering, University of North Carolina, Charlotte, USA.*
- **Dr. Theresa Isibor**, *Executive Director, International Center for Community Development (ICCD), Concord/ Charlotte, NC, USA.*
- **Dr. Wenwu Tang**, *Executive Director, Center for Applied GIS (CAGIS), University of North Carolina, Charlotte, USA*

SUMMIT INTERNATIONAL COMMITTEE

CHAIR

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CO-CHAIR

- **Dr. Nkem Khumbah**, *Head, STI Policy Systems, Governance and Partnerships, African Academy of Sciences (AAS), Nairobi, Kenya.*
- **Dr. Wayne Phillip**, *International Center for Community Development (ICCD), Concord/ Charlotte, NC, USA.*

MEMBERS

- **Prof. (H.E) Lekoko Kenosi**, *Zayed University, United Arab Emirates (UAE)*
- **Dr. Kristen Smith**, *CEO, Insignia Global, London, United Kingdom*
- **Ambrose Isibor**, *UK regional Director & Head of HR Business Partners, CCRT Ltd. Cardiff, United Kingdom*
- **Prof. Thokozani Simelani**, *University of Johannesburg and Human Sciences Research Council (HSRC), Pretoria, South Africa.*
- **Prof. Samuel Samiai Andrews**, *Professor of Intellectual Property Law, Faculty of Law, AL Yamamah University, AL Khobar, Saudi Arabia*
- **Dr. Patrick Ezekiel**, *University of London, London, United Kingdom*
- **Sonnie Braih, Esq.**, *Director of Legal Processes, Department of Transportation of the State of Nevada, USA*
- **Amit Oturkar**, *Indian Institute of Management, Calcutta, India*
- **Ezi Tsogli**, *International Center for Community Development (ICCD), Concord/ Charlotte, NC, USA.*
- **Marshall Anako**, *President, Madako Corp, West Carmen Drive, Arizona, USA*
- **Nwafor Leeda Agunwah**, *Information Technology & Management Consultant, & Co-founder of Jaguda.com, Charlotte, NC, USA.*

SUMMIT GENERAL PLANNING COMMITTEE

CHAIR

- **Mr. Miguel Gonzalez**, *Organisation of Southern Co-operation (OAC), Addis Ababa, Ethiopia.*

CO-CHAIR

- **Ahmad Yahaya A. LLM.**, *Assistant Director, Legal Programs & Communications Unit, Institute of Law Research & Dev. of United Nations (ILAWDUN), Washington DC, USA.*

MEMBERS

- **Ms. Sanique Lyn**, Senior Administrative Officer, Institute of Law Research & Dev. of United Nations (ILAWDUN), Washington DC, USA.
- **Ms. Heaven Roberts**, Red Robin Trail, Denver, North Carolina, USA
- **Dr. Augustine N. Onwukwe**, Medical Director, Access Care Medical PLLC, Waxhaw, North Carolina, USA.
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- **Mr. Kouassi Kra**, Director, Protocol and Logistics Dept., Institute of Law Research & Dev. of United Nations (ILAWDUN), Washington DC, USA.
- **Mrs. Gladys Teke**, Assistant Administrative Officer, Institute of Law Research & Dev. of United Nations (ILAWDUN), Washington DC, USA.
- **Mr. Banjo Adegbeye**, Protocol Service Assistant, Institute of Law Research & Dev. of United Nations (ILAWDUN), Washington DC, USA.
- **Amarachi C. Ogonnaya**, Senior Tech Assistant/Legal Analyst, Universal School of Eclectic Analysis, Legal Research & Law Studies (UNISERL), Suffolk, United Kingdom.
- **Mr. Godwin J. Amadasun**, Chairman/CEO, Goddy Ped. Ltd., Athens, Greece.
- **Chinyere Laura Chukwu**, Program Assistant, Legal, Multi-Intelligence Dev. Company Ltd, Abuja, Nigeria
- **Samuel Kelvin Philip**, Program Assistant, Media, Multi-Intelligence Dev. Company Ltd, Abuja, Nigeria
- **Aduwo Adefolarin Adekunle**, Program Assistant, IT, Multi-Intelligence Dev. Company Ltd, Abuja, Nigeria
- **James Ojowu Ohegwu**, Program Assistant, Multi-Intelligence Dev. Company Ltd, Abuja, Nigeria
- **Nodiba Patience Jonathan**, Executive Assistant, Multi-Intelligence Dev. LLC., Washington DC, USA

SUMMIT SECRETARIAT & CONTACT INFORMATION

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2. North Carolina office:

2540 Saddlewood Circle SW., Concord, North Carolina, 28027, USA

○ +1 (704)-991-6055 (**Regular Calls Only**)

○ +1 (704)-609-7676 (**Regular Calls Only**)

○ +1 (704)-960-0312 (**Dr Wayne Phillip - Regular Calls Only**)

○ +1 (704) 799-5825 (**Ms Heaven Roberts - Regular Calls Only**)

Email: info@glotadals.us Website: www.glotadals.us

Summit Venue: Embassy Suites by Hilton Charlotte-Concord Golf Resort & Spa

5400 John Q. Hammons Drive NW, Concord, North Carolina, 28027, USA



PROGRAM CHART AND OVERVIEW

The key for use of the program chart is shown below, for the coding presented as follows, with an example:

- ❖ **CODE DESIGNATION** = DAY/SESSION (Morning or Afternoon with indication of early or late session)/ROOM
- ❖ **EXAMPLE:** Consider the yellow highlighted Session 2/EM/E, the relevant explanation is that the session will be held on “DAY 2”, “EARLY MORNING SESSION (8:30 AM-10:30 AM)”, in “ROOM E”
- ❖ The late Afternoon sessions are for certified training and are highlighted green. **Note: Arrival date: July 19 | Departure Date: July, 26**

DAY 1 (July 20, 2026)

8:30AM -12 NOON Morning Session	PLENARY SESSION					
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	1/EA/A	1/EA/B	1/EA/C	1/EA/D	1/EA/E	1/EA/F
3:30 PM – 5:30 PM Late Afternoon Session	1/LA/A	1/LA/B	1/LA/C	1/LA/D	1/LA/E	1/LA/F

DAY 2 (July 21, 2026)

8:30AM – 10:30 AM Early Morning Session	2/EM/A	2/EM/B	2/EM/C	2/EM/D	2/EM/E	2/EM/F
10:30AM -12 NOON Late Morning Session	2/LM/A	2/LM/B	2/LM/C	2/LM/D	2/LM/E	2/LM/F
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	2/EA/A	2/EA/B	2/EA/C	2/EA/D	2/EA/E	2/EA/F
3:30 PM – 5:30 PM Late Afternoon Session	2/LA/A	2/LA/B	2/LA/C	2/LA/D	2/LA/E	2/LA/F

DAY 3 (July 22, 2026)

8:30AM – 10:30 AM Early Morning Session	3/EM/A	3/EM/B	3/EM/C	3/EM/D	3/EM/E	3/EM/F
10:30AM -12 NOON Late Morning Session	3/LM/A	3/LM/B	3/LM/C	3/LM/D	3/LM/E	3/LM/F
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	3/EA/A	3/EA/B	3/EA/C	3/EA/D	3/EA/E	3/EA/F
3:30 PM – 5:30 PM Late Afternoon Session	3/LA/A	3/LA/B	3/LA/C	3/LA/D	3/LA/E	3/LA/F

DAY 4 (July 23, 2026)

8:30AM – 10:30 AM Early Morning Session	4/EM/A	4/EM/B	4/EM/C	4/EM/D	4/EM/E	4/EM/F
10:30AM -12 NOON Late Morning Session	4/LM/A	4/LM/B	4/LM/C	4/LM/D	4/LM/E	4/LM/F
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	4/EA/A	4/EA/B	4/EA/C	4/EA/D	4/EA/E	4/EA/F
3:30 PM – 5:30 PM Late Afternoon Session	4/LA/A	4/LA/B	4/LA/C	4/LA/D	4/LA/E	4/LA/F
6:00 PM – 9:00 PM	SUMMIT EXCURSION (VISIT TO SHOPPING MALLS AND TOURIST ATTRACTIONS)					

DAY 5 (July 24, 2026)

8:30AM – 10:30 AM Early Morning Session	5/EM/A	5/EM/B	5/EM/C	5/EM/D	5/EM/E	5/EM/F
10:30AM -12 NOON Late Morning Session	5/LM/A	5/LM/B	5/LM/C	5/LM/D	5/LM/E	5/LM/F
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	5/EA/A	5/EA/B	5/EA/C	5/EA/D	5/EA/E	5/EA/F
3:30 PM – 5:30 PM Late Afternoon Session	5/LA/A	5/LA/B	5/LA/C	5/LA/D	5/LA/E	5/LA/F
6:00 PM – 9:00 PM	SUMMIT EXCURSION (VISIT TO SHOPPING MALLS AND TOURIST ATTRACTIONS)					

DAY 6 (July 25, 2026)

8:30AM – 10:30 AM Early Morning Session	6/EM/A	6/EM/B	6/EM/C	6/EM/D	6/EM/E	6/EM/F
10:30AM -12 NOON Late Morning Session	6/LM/A	6/LM/B	6/LM/C	6/LM/D	6/LM/E	6/LM/F
12:00 – 1:00 PM	LUNCH					
1:00 PM – 3:30 PM Early Afternoon Session	6/EA/A	6/EA/B	6/EA/C	6/EA/D	6/EA/E	6/EA/F
3:30 PM – 5:30 PM	COMMUNIQUE & TOWN HALL ENGAGEMENT SESSION					
7:00 PM – 9:00 PM	DINNER, AWARDS & CULTURAL NIGHT					

**Artificial Intelligence, Digital Technology, Advanced Science and Law for Sustainable Development:
Bridging Innovation, Science and Law**

ABSTRACT SUBMISSION TRACKS/SUBTHEMES

AI & Law, Governance and Policy

- AI applications in legal practice, judicial systems, and legislative drafting
- AI in legal reasoning, case analysis, and court analytics
- Algorithmic transparency, fairness, and accountability
- AI in judicial case management and e-litigation tools
- AI's role in regulatory compliance and legal ethics
- Ethical and responsible AI use in public institutions
- AI and digital evidence: admissibility and authentication
- AI for legal reform, judicial oversight, and public administration
- AI and digital technology in Policing, Intelligence Strategy and Forensic Systems
- AI and public policy: government regulation and governance models
- AI, misinformation, and disinformation
- AI in medical law and public health management systems
- AI for anti-corruption, transparency, and digital governance
- Legal personality and status of AI agents
- Cross-border legal frameworks for AI trade and services
- AI in administrative law and regulatory enforcement
- AI in legislative monitoring and compliance automation
- Legal implications of autonomous weapons and drones
- AI and access to justice in low-resource settings
- Liability in AI malpractice: civil, administrative, and criminal
- AI in Labor, Business & Corporate Law
- AI in Corporate Environmental Governance (CEG), ESG, and CER
- AI & digital transactions: smart contracts, blockchain, and fintech law
- AI, Data Protection & Cybersecurity
- AI-powered fraud detection and financial security
- Legal implications of biometric data and surveillance tech
- AI in digital asset regulation, blockchain & cryptocurrency law
- AI in policing, intelligence strategy, and forensic systems
- AI, Intellectual Property (IP) & Innovation
- AI in International Law & Diplomacy
- AI's role in international dispute resolution and diplomacy
- AI for sustainable development under UN legal frameworks
- Legal implications of AI in energy efficiency and emissions

AI in Sustainable Development

- AI for climate change modeling and carbon tracking
- AI in sustainable agriculture, irrigation, and food systems
- AI for biodiversity and ecosystem conservation
- AI in renewable energy management and optimization
- AI for water management and sanitation systems
- AI in smart transportation and mobility planning
- AI for disaster risk reduction and crisis response
- AI-powered infrastructure planning and development
- AI for financial inclusion and digital micro-finance
- AI in healthcare delivery and epidemic response
- AI for educational inclusion and digital pedagogy
- AI in gender equity and inclusive workforce policies
- AI in smallholder and indigenous community development
- AI for social protection systems and welfare programs
- AI and green economy: carbon markets and climate finance
- Legal policy for environmental AI governance
- AI in informal economy planning and intervention
- AI for tax systems and public financial management
- AI in e-governance and smart city development
- AI for monitoring SDG implementation and reporting
- AI in circular economy and waste-to-resource systems
- AI and youth entrepreneurship in sustainable innovation
- AI in environmental justice and grassroots advocacy
- AI for clean air and pollution control
- AI and digital infrastructure in rural development
- AI in international development cooperation and aid
- AI in responsible mining and natural resource governance
- AI for ethical tourism and cultural preservation
- AI in transport electrification and sustainable logistics
- AI for monitoring and evaluating development interventions
- AI, Climate Change & the Environment
- AI-powered environmental monitoring and modelling
- AI in biodiversity conservation and environmental governance
- AI in GIS and environmental impact systems

AI Fundamentals

- Machine learning, neural networks, and deep learning foundations
- Natural Language Processing (NLP) in legal and regulatory systems
- Explainable and interpretable AI
- Human-AI collaboration and human-centered design
- AI safety, robustness, and alignment challenges
- AI and quantum computing for complex problem solving
- Multi-agent systems and swarm intelligence
- Generative AI: text, image, and media creation
- AI in robotics: autonomy, motion, and learning
- Federated learning and decentralized AI models
- AI model training with privacy-preserving techniques
- AI for cybersecurity and intrusion detection
- Ethical design in AI systems
- AI and IoT: interoperability and policy gaps
- AI in edge computing and real-time analytics
- AI in 5G/6G network systems
- AI and blockchain integration for secure data systems
- Sustainability in AI: carbon footprint and green models
- Digital twins and AI in simulation environments
- Semi-supervised and unsupervised learning research
- Cognitive computing and brain-inspired systems
- Neuromorphic computing for efficient AI architecture
- AI benchmarking and performance evaluation
- Legal education and AI curriculum development
- Open-source AI development and collaboration ethics
- AI for digital humanities and cross-disciplinary research
- Data annotation and training governance
- Language bias and fairness in global NLP models
- Infrastructure for AI research in emerging economies
- AI governance toolkits and system audit protocols

Mode of Delivery and Participants' Engagement: The summit and training program will be fully in-person sessions at Charlotte (Concord), North Carolina. The training sessions will run concurrently with the summit in the Afternoon (in-person). However, there is an option for virtual participation only for a globally nominated Laurel Prize winner - an international location winner, who may be obligated via a dedicated platform when not able to attend physically on the grounds of health or such other unforeseen and unresolved condition. Attendees will be grouped into sessions for training and workshop activities to encourage collaboration and interaction. Interactive Q&A and brainstorming sessions will be integrated into expert presentations to foster dialogue and ideation.

Certification: Participants who participated in the summit will receive a certificate of course completion. Additional certificates will be provided to those who participated in the training program, each carrying the title of the course they have taken.

Publication: Selected Best Presenters may also have their work published in reputable journals. This is subject to a specific fee for the Publication.

Resource Materials

- Access to curated AI tools and research materials, for training sessions, workshop toolkits, and case studies, will be provided to all participants.
- Trainees are expected to come with their laptops for the training program.
- Trainees may be given textbooks, technical guidance manuals and computer software to use and take home.

Networking Opportunities: Dedicated sessions and breaks for participants to connect with policymakers, experts, and potential collaborators in the legal, scientific, technological and AI domains.

Accessibility and Inclusivity: Special provisions will be made to ensure inclusivity, including translated materials and accessible facilities for persons with disabilities and language barriers.

Language Management: The official and principal language for the Summit and Training Program is **English**, with provisions for special translation in French, Dutch, Chinese, Arabic, Spanish and other notable languages. Provisions will be made to ensure standard translation facilities and standby translators.

REGISTRATION, DEADLINES & VISA SUPPORT INFORMATION

- The registration fee for the Summit is **\$600.00 (USD)** per person for Early Registration, and Late Registration for the Summit is **\$700 (USD)**.
- Summit single-day registration is **\$150.00 (USD)**.
- Each Training Course registration is **\$400.00 (USD)**.
- Group Registration is allowed. Group registrants must be from the same affiliated institution, and a "group" is defined as 10 persons or more. For further enquiries on how to proceed with group registration, please contact us at group-registration@glotadals.us
- **Student Registration Discount (SRD):** Only group student registration discounts are allowed. The group student participation fee is fixed at **\$150 (USD)** per student for groups sponsored by their institution or faculty. Institutions or academic departments interested in registering student groups should contact us at group-registration@glotadals.us.
- While registered participants for the Summit do not need to register for training courses, all training registrants are required to register and participate in the Summit.
- A trainee registering for up to 5 courses will be given a 3% fee waiver.
- Foreign Applicants are advised to take advantage of early registration to receive VISA application support documents (like an invitation letter) for the timely issuance of a visa. **NOTE:** The program committee is not responsible for issuing of Visa. However, the program committee will engage the U.S. Department of State on the significance of visa processing. Supporting documents would include a priority letter on the request of the registrant. A comprehensive list of confirmed registrants in each country shall be transmitted to the State Department for the purpose of a visa.
- Payment for the summit and training program **is generally non-refundable** except for International Registrants outside the United States who require a Visa to attend the program. International participants who wish to cancel their registration must do so at least **70 days before the program start date** to be eligible for a refund. Thus, International Participants are advised to register early to avoid future complications.
- All cancellation requests must be made in writing and must include a **valid reason** along with supporting **evidence** (particularly a visa denial letter for a visa-applying applicant).
- In partnership with a licensed company in the United States, **optional visa support** may be provided for a fee. Details of such support are provided on our website.
- If a participant is unable to attend due to visa denial, they must submit the official **visa rejection letter** to be eligible for a refund.
- Participants who cannot attend due to an **unforeseen Visa ban** issued on the country of departure by the U.S. government will be entitled to a refund on condition stated above (70-day rule applies).
- Approved cancellations will receive a **65% refund** of the **registration fee, while 35 % will be retained for the already incurred processing charges, refund charges, administrative and logistics expenses.**
- Refunds will be processed within **30 days** after the request.
- For the avoidance of doubt, Refunds are only allowed due to Visa refusal/denial issues with no proven contributory factor on the part of the Registrant (Such as failure to show up for a visa interview, etc.). No refunds will be granted for cancellations due to personal scheduling conflicts or lack of travel plans.
- For the deadlines on early and late registration, as well as the commencement of issuing introduction and invitation letters for visa applications, please see the front page.

Exhibitions and Sponsorship: An exclusive exhibition will run alongside the summit, showcasing innovative AI, digital technologies, businesses, and governance solutions. Participants are encouraged to explore the displays and network with industry leaders. Those interested in exhibiting must review the full details and apply via our website at www.glotadals.us. To explore partnership and sponsorship packages (including Platinum Sponsor, Gold Sponsor, Silver Sponsor, Bronze Sponsor, Supporting Sponsor, and Session Sponsor), please visit www.glotadals.us/sponsor or contact us at info@glotadals.us for further enquiries.

Dinner, Award and Cultural Night: The Cultural Night promises to be a thrilling, featuring the United States Youth Ambassador Alumni led by a United States Youth Ambassador from North Carolina, a colorful Parade of Nations, performances by North Carolina County Group Dancers, the Robinson High School (Concord) Band Parade, and dynamic displays by international community dance groups representing American, Canadian, Indian, Korean African, Australian, Hispanic, and European cultures. The evening will also showcase stage performances by globally renowned musicians, alongside dinner and the presentation of awards. **NOTE:** Attendance at the Dinner, Awards, and Cultural Night is complimentary for awardees, their selected peers, and all full registrants of the **GLOTADALS 2026**. However, single-day registrants, accompanying persons, and other guests are required to purchase dinner tickets. Ticket details will be published on the official websites.

APPENDICES

I. LIST OF COURSES TO BE OFFERED

SECTOR	COURSE CODE	Course Title /Module
Law and Governance System (LGS)	LGS.1	Regulatory and Ethical Foundations in AI Applications
	LGS.2	Elements and AI Tools in Corporate Administrative Governance and Secretarial Functions
	LGS.3	Introduction to AI Role in Legislative Drafting, Law-making, and Oversight Functions
	LGS.4	Introduction to DT and AI Tools in Office and Case Management Systems for Lawyers, Paralegals, and Judges
	LGS.5	Public Policy and Law Formulation Techniques with AI and DT Support Systems
	LGS.6	Principles, Techniques, and Applications of DT and AI Tools Adaptation to Recording and Transcription of Judicial Proceedings
	LGS.7	Elements of AI Challenges to Intellectual Property Law and Policy Control System
Sustainable Development System (SDS)	SDS.1	Techniques of DT and AI Application in Sustainable Development Programs
	SDS. 2	Application of AI in Trade and International Business
	SDS.3	AI for Sustainable Development under UN Legal Frameworks
Medical and Health System (MHS)	MHS.1	Artificial Intelligence Applications in Medical Practice
	MHS.2	Medical Law & AI Techniques for Public Health Management
Environmental and Hazard Management System (EMS)	EMS.1	Environmental Monitoring Techniques (EMT) and Geographic Information Systems (GIS) through AI Tools
	EMS.2	Introduction to AI Techniques for Monitoring of Illegal Activities in Maritime and Petroleum Industry
	EMS.3	Techniques of AI Applications in CEG, ESG, and CER
	EMS.4	Artificial Intelligence Applications in Emergency Response
Arts and Entertainment System (AES)	AES.1	Artificial Intelligence Applications in Art and Entertainment
	AES.2	Artificial Intelligence Application in Sport
Education and Ethics System (EES)	EES.1	Characterization of Social Media Misinformation and Disinformation through DT and AI, and Techniques of Control
	EES.2	Artificial Intelligence Tools and Libraries with Application
Intelligence and Security System (ISS)	ISS.1	Cybersecurity, Data Governance, and Security Administration
	ISS.2	Elements of AI in Intelligence Strategy, Forensic Psychology, and Policing
	ISS.3	Application of AI in Fraud Detection, Control, and Prevention Systems
Finance and Banking System (FBS)	FBS.1	Introduction to Digital Asset and Blockchain Technology, and Cryptocurrency Characterization

	FBS.2	Elements of AI in Financial Technology Systems, Banking and Accountability Cooperation
Diplomatic Administration System (DAS)	DAS.1	Introduction to Principles of International Diplomacy and AI Administrative Tools
	DAS.2	AI Policy and Technical Support Systems for Diplomatic and International Relations.
Science and Technology System (STS)	STS.1	Fundamentals of Artificial Intelligence (AI)
	STS.2	Artificial Intelligence in Data Analysis
	STS.3	AI in Cognitive Computing and Decision Support Systems

II. COURSE SCHEDULES

S/N	COURSE Code	COURSE TITLE	SESSION ASSIGNMENT	TIME	DATE	COURSE INSTRUCTOR
1	LGS.1	Regulatory and Ethical Foundations in AI Applications	1/LA/A	3:30 PM – 5:30 PM	July 20, 2026	TBD
2	SDS.1	Techniques of DT and AI Application in Sustainable Development Programs	1/LA/B	3:30 PM – 5:30 PM	July 20, 2026	TBD
3	MHS.1	Medical Law & AI Techniques for Public Health Management	1/LA/C	3:30 PM – 5:30 PM	July 20, 2026	TBD
4	EMS.1	Environmental Monitoring Techniques (EMT) and GIS through AI Tools	1/LA/D	3:30 PM – 5:30 PM	July 20, 2026	TBD
5	AES.1	Artificial Intelligence Applications in Art and Entertainment	1/LA/E	3:30 PM – 5:30 PM	July 20, 2026	TBD
6	EES.1	Characterization of Social Media Misinformation and Disinformation through DT and AI, and Techniques of Control	1/LA/F	3:30 PM – 5:30 PM	July 20, 2026	TBD
7	LGS.2	Elements and AI Tools in Corporate Administrative Governance and Secretarial Functions	2/LA/A	3:30 PM – 5:30 PM	July 21, 2026	TBD
8	SDS.2	Application of AI in Trade and International Business	2/LA/B	3:30 PM – 5:30 PM	July 21, 2026	TBD
9	MHS.2	Artificial Intelligence Applications in Medical Practice	2/LA/C	3:30 PM – 5:30 PM	July 21, 2026	TBD
10	EMS.2	Introduction to AI Techniques for Monitoring of Illegal Activities in Maritime and Petroleum Industry	2/LA/D	3:30 PM – 5:30 PM	July 21, 2026	TBD
11	AES.2	Artificial Intelligence Application in Sport	2/LA/E	3:30 PM – 5:30 PM	July 21, 2026	TBD
12	EES.2	Artificial Intelligence Tools and Libraries with Application	2/LA/F	3:30 PM – 5:30 PM	July 21, 2026	TBD
13	LGS.3	Introduction to AI Role in Legislative Drafting, Law-making, and Oversight Functions	3/LA/A	3:30 PM – 5:30 PM	July 22, 2026	TBD

14	ISS.1	Cyber-security, Data Governance, and Security Administration	3/LA/B	3:30 PM – 5:30 PM	July 22, 2026	TBD
15	EMS.3	Techniques of AI Applications in CEG, ESG, and CER	3/LA/C	3:30 PM – 5:30 PM	July 22, 2026	TBD
16	FBS.1	Introduction to Digital Asset and Blockchain Technology, and Cryptocurrency Characterization	3/LA/D	3:30 PM – 5:30 PM	July 22, 2026	TBD
17	DAS.1	Introduction to Principles of International Diplomacy and AI Administrative Tools	3/LA/E	3:30 PM – 5:30 PM	July 22, 2026	TBD
18	STS.1	Fundamentals of Artificial Intelligence (AI)	3/LA/F	3:30 PM – 5:30 PM	July 22, 2026	TBD
19	LGS.4	Introduction to DT and AI Tools in Office and Case Management Systems for Lawyers, Paralegals, and Judges	4/LA/A	3:30 PM – 5:30 PM	July 23, 2026	TBD
20	EMS.4	Artificial Intelligence Applications in Emergency Response	4/LA/B	3:30 PM – 5:30 PM	July 23, 2026	TBD
21	ISS.2	Elements of AI in Intelligence Strategy, Forensic Psychology, and Policing	4/LA/C	3:30 PM – 5:30 PM	July 23, 2026	TBD
22	FBS.2	Elements of AI in Financial Technology Systems, Banking and Accountability Cooperation	4/LA/D	3:30 PM – 5:30 PM	July 23, 2026	TBD
23	DAS.2	AI Policy and Technical Support Systems for Diplomatic and International Law Application	4/LA/E	3:30 PM – 5:30 PM	July 23, 2026	TBD
24	STS.2	Artificial Intelligence in Data Analysis	4/LA/F	3:30 PM – 5:30 PM	July 23, 2026	TBD
25	LGS.5	Public Policy and Law Formulation Techniques with AI and DT Support Systems	5/LA/A	3:30 PM – 5:30 PM	July 24, 2026	TBD
26	ISS.3	Application of AI in Fraud Detection, Control, and Prevention Systems	5/LA/B	3:30 PM – 5:30 PM	July 24, 2026	TBD
27	STS.3	AI in Cognitive Computing and Decision Support Systems	5/LA/C	3:30 PM – 5:30 PM	July 24, 2026	TBD
28	LGS.6	Principles, Techniques, and Applications of DT and AI Tools Adaptation to Recording and Transcription of Judicial Proceedings	5/LA/D	3:30 PM – 5:30 PM	July 24, 2026	TBD
29	LGS.7	Elements of AI Challenges to Intellectual Property Law and Policy Control System	5/LA/E	3:30 PM – 5:30 PM	July 24, 2026	TBD
30	SDS.3	AI for Sustainable Development under UN Legal Frameworks	5/LA/F	3:30 PM – 5:30 PM	July 24, 2026	TBD

NOTE: When selecting your courses for the GLOTADALS Training Program, please pay close attention to the session schedule, because some courses run concurrently. This means two or more courses may be held at the same time, and you cannot be in two rooms or two sessions at once. You are therefore advised to ensure that each course you choose falls into a different session block so you can attend all without overlap.

III. COURSE CONTENTS/DESCRIPTION

LAW AND GOVERNANCE SYSTEM (LGS)

LGS.1 Regulatory and Ethical Foundations in AI Applications

This course category focuses on the legal and ethical structures essential for guiding AI deployment in sustainable development. Laws such as the EU AI Act and the General Data Protection Regulation (GDPR), which provide critical regulatory frameworks for ensuring fairness, accountability, and transparency, will be pedagogically assessed. Also, Ethical guidelines, including those from IEEE and UNESCO, which emphasise the importance of building AI systems that respect human rights, prevent harm, and foster inclusivity, will be assessed. These frameworks are crucial in various regions, including the United States, where the Algorithmic Accountability Act seeks to hold organizations accountable for their AI systems, and in Africa, where the African Union's Digital Transformation Strategy highlights the need for ethical AI to foster development, the course will explore how these laws and principles to develop new frontiers that ensure that AI innovations are developed and deployed responsibly, with a focus on promoting equity and preventing harm. Focus will also be on healthcare, ensuring AI models are transparent and unbiased can help prevent disparities in medical treatment. Thematic areas will also include: an examination of regional AI regulations and their impact on sustainable development, and a comparative analysis of the EU AI Act and the US. Algorithmic Accountability Act, and African Union's digital transformation strategy; the role of ethical guidelines in ensuring responsible AI deployment: case studies of ethical breaches in AI and their implications on development; regulatory challenges in managing AI for equity and inclusivity.

LGS.2 Introduction to AI Tools in Corporate Administrative Governance and Secretarial Functions

This course will introduce the participant to the role of artificial intelligence in modern corporate administration and secretarial functions, emphasising efficiency, compliance, and strategic decision-making. The session will examine AI-powered document automation, contract life-cycle management, regulatory compliance tracking, and intelligent virtual assistants that enhance corporate governance. The session will address the integration of AI tools in board meetings, decision-support systems, and corporate reporting, ensuring transparency and adherence to legal and ethical standards. The impact of AI on administrative due process, liability, and the evolving role of corporate secretaries in AI-driven environments will also be covered. Participants will gain practical insights into AI-driven workflow automation, risk assessment, and digital governance models. The course will feature real-world applications and case studies, providing participants with a comprehensive understanding of how AI can streamline administrative functions while maintaining accountability and corporate integrity.

LGS.3 Introduction to AI Role in Legislative Drafting, Law-making, and Oversight Functions

This course explores AI-powered tools for drafting legislation, automating legal research, and predicting policy outcomes based on data-driven insights. Participants will examine real-world applications where AI assists lawmakers in refining statutory language, identifying inconsistencies, and improving oversight mechanisms. By understanding AI's role in legislative governance, attendees will gain the skills needed to integrate digital tools into the law-making process, ensuring better-informed and transparent legislative practices.

LGS.4 Introduction to DT and AI Tools in Office and Case Management Systems for Lawyers, Paralegals, and Judges

This course covers discussions on how AI-powered legal assistants, predictive analytics, and document automation tools improve efficiency in law offices and courts. Participants will examine case studies on AI-driven case filing, legal precedent analysis, and workflow optimization. By the end, attendees will gain practical knowledge on integrating AI into legal operations, ensuring faster decision-making, reduced workload, and improved access to justice.

LGS.5 Public Policy and Law Formulation Techniques with AI and DT Support Systems

The integration of Artificial Intelligence (AI) and digital technology into public policy and legal formulation is transforming governance, legislative drafting, and regulatory decision-making. This session delves into the methodologies through which AI-driven analytics, machine learning models, and big data enhance policy formulation by predicting societal trends, optimising legal frameworks, and ensuring evidence-based decision-making. Participants will examine how AI-powered legal research tools, automated compliance monitoring, and predictive analytics streamline legislative processes while minimising biases in law-making. The session will further analyse ethical concerns, including algorithmic transparency, data privacy, and accountability in AI-assisted governance. Through case studies from jurisdictions utilizing AI in policy and legal drafting, attendees will acquire hands-on knowledge of leveraging AI and digital technology to craft efficient, adaptive, and responsive legal and regulatory frameworks.

LGS.6 Principles, Techniques, and Applications of DT and AI Tools Adaptation to Recording and Transcription of Judicial Proceedings

This course covers topics relating to AI-driven speech recognition, real-time transcription, and automated legal documentation, reducing delays and errors in court reporting and record of proceedings. Participants will examine the role of natural language processing (NLP) in transcribing complex legal arguments and multilingual proceedings. By understanding these innovations, jurists and legal professionals will gain insights into adopting AI-powered tools to improve judicial transparency, record management, and case resolution efficiency.

LGS.7 Elements of AI Challenges to Intellectual Property Law and Policy Control System

Artificial Intelligence (AI) is reshaping the landscape of intellectual property (IP) by challenging traditional frameworks of ownership, authorship, and enforcement. This session critically examines how AI-generated content and automated decision-making disrupt copyright, patents, and trademarks, raising fundamental legal and ethical concerns. Participants will explore emerging policy responses and

regulatory mechanisms aimed at balancing innovation with IP protection, including the role of AI in patent examination, copyright attribution, and trademark infringement detection. The discussion will extend to international legal frameworks, addressing how nations and organizations such as WIPO and the EU are developing adaptive strategies to govern AI's impact on IP. Attendees will gain strategic insights into shaping robust legal and policy responses to AI-driven IP challenges while fostering technological advancement and economic growth.

SUSTAINABLE DEVELOPMENT SYSTEM (SDS)

SDS.1 Techniques of DT and AI Application in Sustainable Development Programs

This course category introduces the transformative potential of DT and AI in advancing sustainable development. AI technologies approach to global efforts addressing challenges such as poverty, climate change, and inequality while supporting the achievement of the United Nations Sustainable Development Goals (SDGs). The course will explore how AI can enable resource optimization, drive innovative solutions, and foster equity, and how AI can be used to analyze large datasets to optimize agricultural practices, thereby increasing crop yields and reducing food insecurity. AI-driven climate models can also provide more accurate predictions, helping communities better prepare for and mitigate the impacts of climate change. Discussions will include challenges such as algorithmic biases, energy consumption, and the digital divide, which risk exacerbating existing inequalities if not properly addressed. It will assess how Algorithmic biases can lead to unfair outcomes in areas such as hiring and law enforcement, and how the high energy consumption of AI systems poses sustainability concerns. Moreover, will also look into how the digital divide can limit the benefits of AI to those with access to advanced technologies, leaving behind marginalized communities. Notable thematic areas include: AI as a Driver of the SDGs: Opportunities and Risks; Overcoming Barriers to AI Deployment in Sustainable Development; and Real-World Case Studies of AI Advancing Sustainability.

SDS. 2 Application of AI in Trade and International Business

This course examines how Artificial Intelligence (AI) is revolutionising trade and international business operations. Participants will explore AI applications in areas such as global supply chain management, trade finance, market forecasting, cross-border e-commerce, and international regulatory compliance. The course highlights the role of AI in optimising logistics, enhancing customer experience, detecting fraud, and supporting strategic decision-making in a highly interconnected global economy. Through case studies and project-based learning, Attendees will gain practical skills to leverage AI tools for solving complex challenges in international business environments.

SDS.3: AI for Sustainable Development under UN Legal Frameworks

This course explores the intersection of Artificial Intelligence (AI) and sustainable development within the context of United Nations (UN) legal frameworks and policies. Participants will study how AI technologies are aligned with the UN's Sustainable Development Goals (SDGs) and examine the legal, ethical, and regulatory challenges of deploying AI in international development programs. The course will cover key aspects of AI governance, human rights protections, data privacy, and the legal responsibilities of states and corporations in using AI for sustainable development. Through case studies, attendees will analyse the role of AI in supporting global initiatives such as poverty reduction, healthcare access, and education, while ensuring compliance with international legal standards and UN guidelines.

MEDICAL AND HEALTH SYSTEM (MHS)

MHS.1 Artificial Intelligence Applications in Medical Practice

AI- assisted disease diagnosis using medical imaging and patient data; personalized treatment recommendation; medical image analyses (x-rays, MRIs and CT-scans); AI in disease detection (cancer and diabetic retinopathy); AI in prediction of patient outcomes and identification of high-risk patients; streamlining of workflows; AI in drug discovery and development; AI-assisted clinical trial design and analysis.

MHS.2 Medical Law & AI Techniques for Public Health Management

This course will explore the connection of medical law and artificial intelligence in shaping modern public health management. Participants will gain insights into how AI-driven diagnostics, predictive analytics, and robotic-assisted treatments are revolutionizing healthcare delivery while navigating the ethical and legal frameworks governing these innovations. Discussions will cover regulatory compliance, liability in AI-assisted medical decisions, data protection in digital health records, and the role of AI in pandemic response strategies. The training will provide a critical understanding of global best practices, addressing concerns around medical malpractice, informed consent, and AI bias in healthcare. The course will utilize case studies on AI-powered health interventions, ensuring that participants leave with actionable knowledge to influence public health policies and practices effectively.

ENVIRONMENTAL AND HAZARD MANAGEMENT SYSTEM (EMS)

EMS.1 Environmental Monitoring Techniques (EMT) and Geographic Information Systems (GIS) through AI Tools

This course category will cover the role and basics of AI in GIS data input format for GIS, map creation and overlap techniques, geostatistical analysis of data in GIS, environmental modelling using AI tools of GIS approach, and generation of GIS reports and projects using AI tools. Exercises and demonstrations in GIS laboratory with links to AI mechanisms are covered. The issues and topics also to

be covered in this course include types of monitoring approaches and techniques, field samplers and laboratory testing requirements, chain of custody of samples, required number of media samples, overview of water well technology, electronic sensing systems, laboratory protocols and quality assurance, and all linked to the role of AI in strengthening their functions and how AI system can assist environmental monitoring activities. Laboratory exercises may be included in this course.

EMS.2 Introduction to AI Techniques for Monitoring of Illegal Activities in Maritime and Petroleum Industry

This course will examine how artificial intelligence is transforming the monitoring of petroleum transportation and combating illicit activities in the maritime and petroleum economy sectors. The session will explore AI-driven surveillance systems, blockchain applications for supply chain transparency, and machine-learning algorithms used to detect anomalies in fuel distribution networks and maritime systems. AI's predictive maintenance capabilities will also be discussed in the context of refining and distribution, preventing equipment failures and minimising operational disruptions. Discussions will cover regulatory frameworks, the legal implications of AI-powered enforcement mechanisms, and the role of international cooperation in tackling oil theft and smuggling, maritime carriage pollution and piracy. Through case studies on AI's role in detecting illegal bunkering, fraudulent fuel subsidies, and environmental violations, attendees will acquire practical strategies for strengthening governance, enhancing compliance, and transparency, and ensuring sustainable resource management in the energy sector.

EMS.3 Techniques of AI Applications in CEG, ESG, and CER

This course covers the transformative role of AI in Corporate Environmental Governance (CEG), Environmental, Social, and Governance (ESG), and Corporate Environmental Responsibility (CER). The course examines how AI technologies enhance sustainability monitoring, improve reporting accuracy, and support data-driven decision-making. It covers regulatory frameworks that promote accountability, addressing issues like greenwashing, ethical transparency, and compliance with sustainability standards. Participants will explore AI's ability to analyze unstructured data from corporate disclosures and social media to detect real-time ESG controversies, identify governance irregularities, and mitigate misinformation. Additionally, the course evaluates AI-powered dashboards that assist boards in monitoring ESG risks, predictive analytics for assessing the long-term financial impact of ESG strategies, and AI-driven sentiment analysis for stakeholder engagement. While highlighting AI's benefits in streamlining compliance and aligning with global sustainability benchmarks, the course also addresses challenges such as algorithmic biases, ethical risks, and the high energy consumption of AI models. Through legal and policy discussions, participants will gain actionable insights into leveraging AI responsibly to enhance corporate sustainability and governance.

EMS.4 Artificial Intelligence Applications in Emergency Response

AI is disaster predictive analytics – predicting natural disasters (e.g. hurricanes, earthquakes, etc.); Risk Assessment – Identifying high-risk areas and population; Real-time Data Analysis – sensor data analysis (analyses of data from sensors e.g. weather and traffic data); Social Media Monitoring – monitoring social media for emergency reports; Emergency Response Optimization – optimization of resource allocation (ambulances, fire-fighters, etc.); Route Optimization – finding the fastest routes for responders; Use of AI to locate missing people.

ARTS AND ENTERTAINMENT SYSTEM (AES)

AES.1 Artificial Intelligence Applications in Art and Entertainment

An AI application in the creation of images, videos or music based on an algorithm, and data input; AI applications in artwork (colour suggestions, compositions and line drawing); AI applications in the formulation of patterns, styles and trends; AI applications in animations.

AES.2 Artificial Intelligence Application in Sport

This course explores the transformative role of Artificial Intelligence (AI) across the world of sports, from athlete performance enhancement to fan engagement and sports management. Participants will examine how AI technologies—such as machine learning, computer vision, predictive analytics, and wearable technologies—are reshaping training methods, game strategies, injury prevention, talent scouting, and personalized fan experiences. Through real-world case studies, participants will develop a critical understanding of AI tools used in areas like performance tracking, automated officiating, and sports marketing. By the end of the course, participants will be equipped to analyze and propose AI-driven solutions for current and emerging challenges in the sports industry.

EDUCATION AND ETHICS SYSTEM (EES)

EES.1 Characterisation of Social Media Misinformation and Disinformation through DT and AI, and Techniques of Control

The rapid proliferation of misinformation and disinformation on social media has profound implications for democratic governance, public trust, and legal accountability. This session examines how Digital Technology (DT) and Artificial Intelligence (AI) are being deployed to detect, analyse, and combat the spread of false or misleading information. Participants will explore AI-driven fact-checking tools, natural language processing (NLP) for identifying manipulated content, and forensic digital techniques for tracing the origins of deceptive narratives. The discussion will also cover the legal and policy responses to misinformation, including regulatory measures, platform accountability frameworks, and international best practices. By engaging with real-time case studies and AI-based countermeasures, participants will gain actionable insights into mitigating digital misinformation risks while upholding free speech and democratic values.

EES.2 Artificial Intelligence Tools and Libraries with Application

Python Libraries —Pandas, Numpy, scikit-learn, Tensor Flow, Pytorch; Data Visualisation — Matplotlib, Seaborn, Plotty; Application in Business Intelligence (Data-driven decision-making); Applications in Financial Analysis (Predictive Modelling, risk analysis); Applications in Healthcare Analytics (disease diagnosis, patient outcomes).

INTELLIGENCE AND SECURITY SYSTEM (ISS)

ISS.1 Cybersecurity, Data Governance, and Security Administration

This course category addresses critical challenges in cybersecurity, data governance, and intelligence gathering and security optimisation linked to AI. As AI becomes integral to critical infrastructure and decision-making systems, it introduces vulnerabilities to cyberattacks, data misuse, and privacy violations. For example, the WannaCry ransomware attack in 2017 exposed the susceptibility of AI-driven healthcare systems to cyber threats, highlighting the need for robust security measures. Therefore, legal frameworks like GDPR, which aim to safeguard data while ethical standards ensure its responsible use, will be analysed for deployment. The course will assess how AI systems and data governance frameworks like GDPR and CCPA regulate the collection, processing and storage of personal information. How to prevent issues like biased AI outputs or unauthorised data use, as seen in controversies involving AI-powered facial recognition systems. Additionally, the course will analyse and assess China's Personal Information Protection Law (PIPL), which addresses cross-border data transfers, presenting unique compliance challenges for global AI projects. Thematic subjects also include: Securing AI Systems Against Cyber Threats: Legal and Policy Approaches; Data Privacy and Governance: Balancing Innovation with Regulation; AI for Energy Optimisation: Smart Grids and Sustainability.

ISS.2 Elements of AI in Intelligence Strategy, Forensic Psychology, and Policing

The session on Elements of AI in Intelligence Strategy, Forensic Psychology, and Policing will provide an in-depth exploration of how artificial intelligence is transforming intelligence operations, criminal investigations, and law enforcement strategies. Participants will examine AI-driven predictive analytics in intelligence gathering and its implications for national security and risk assessment. The course will also delve into forensic psychology, focusing on AI's role in behavioural analysis, profiling, and suspect interrogation techniques. With real-world case studies, the session will highlight AI applications in crime mapping, facial recognition, and decision-support systems for policing. Ethical concerns, including algorithmic bias and data privacy, will be critically analysed to ensure responsible AI use in law enforcement. This course will equip security operatives and intelligence officers: police officers, detectives, military intelligence operatives, multi-sector crime investigators, judicial officers, legal professionals, and policymakers with the strategic insights needed to integrate AI into security frameworks while maintaining human rights and ethical governance.

ISS.3 Application of AI in Fraud Detection, Control, and Prevention Systems

This session will provide a comprehensive analysis of how artificial intelligence is reshaping financial security, regulatory compliance, and fraud risk management. Participants will explore machine learning algorithms used to detect fraudulent transactions, anomaly detection in financial records, and AI-driven behavioural analytics in identifying cyber-fraud schemes. The course will examine real-time fraud prevention mechanisms adopted by financial institutions, such as biometric authentication, blockchain-based security solutions, and AI-powered anti-money laundering (AML) frameworks. Discussions will cover AI's role in corporate fraud investigations, tax evasion tracking, and forensic auditing, with case studies from global financial crime investigations. Ethical and legal concerns, including AI bias in fraud detection and compliance with international financial regulations like FATF and GDPR, will also be critically assessed. This session will equip security operatives, financial fraud investigators, document fraud detection practitioners, bankers, finance administrators, legal professionals, corporate managers, and policymakers with the tools to integrate AI-driven fraud prevention strategies while ensuring transparency, accountability, and regulatory compliance.

FINANCE AND BANKING SYSTEM (FBS)

FBS.1 Introduction to Digital Asset and Blockchain Technology, and Cryptocurrency Characterisation

This course category explores digital assets and blockchain technology systems with cryptocurrency financial systems. Areas covered are the Cryptographic hash function, which creates a hexadecimal number, block header hash, wallet sequence and data nodes. The course conceptualises and explores counterparty risk, decreased insurance, and verification of financial documents. The course will teach cryptocurrency rules, assessing how blockchain solutions can help digitise and streamline process workflows, reduce costs, lower operational risk and fraud, make capital markets accessible, and enable real-time verification with the help of advanced data analytics capabilities. The course will explore data integrity, how to guard against breaches of unauthorised access, enhance fraud prevention, enhance transparency, visibility and adaptability in financial records and reporting, and how to implement measures for asset tokenisation and smart contracts. The course further covers cross-border transaction security and the prevalence of fraud in trade finance. It addresses digital ecosystem and cryptocurrency challenges to bolster collaboration and integrity among trading partners. Other concepts covered are data analytics assets, management transparency and efficiency, blockchain insurance, Infosys BPM digital finance solutions strategies, automation process, legal rules of money transmission, and regulatory compliance, as well as techniques and rules of cryptographic verification of financial transactions and an algorithm for monetary unit control.

FBS.2 Elements of AI in Financial Technology Systems, Banking and Accountability Cooperation

This course category explores digital technology and AI's role in transforming financial systems, decision-making processes, and accountability frameworks. How to use AI to combat illicit financial flows, enhance automate governance decisions, and streamline complex financial operations. The course will teach participants about AI-powered tools that can analyze vast amounts of transaction data in real-time, identifying suspicious patterns that might be indicative of illicit financial flow, money laundering and cyber-fraud, which traditional systems often overlook due to limitations in processing capacity. The course components aim at advancements of knowledge that raise legal questions about liability, transparency, and ethical responsibility. A pertinent example is the OECD identified difficulty in pinpointing accountability when AI algorithms make autonomous financial decisions, especially in cases where outcomes lead to unintended consequences or violations of regulations. This will be assessed. Furthermore, this session will also cover the connection of AI with investment and credit decisions, particularly when financial institutions seek the assistance of AI to decide and predict the loan applicant's creditworthiness and associated challenges, such as lack of transparency, bias, and potential discrimination that could occur due to outdated data. The goal being to balance AI's potential with the need for robust governance, thematic subjects will also include: AI in Combating Illicit Financial Flows and Cyber-Fraud; Automated Decision-Making: Ethical and Legal Challenges; Ensuring Accountability and Liability in AI-Driven Systems; AI's Role in Enhancing International Diplomacy for Financial Governance.

DIPLOMATIC ADMINISTRATION SYSTEM (DAS)

DAS.1 Introduction to Principles of International Diplomacy and AI Administrative Tools

This course provides a foundational understanding of the principles and practices of international diplomacy, with a special focus on the integration of Artificial Intelligence (AI) in diplomatic administration. Students will explore the historical evolution, core functions, and modern challenges of diplomacy while examining how AI-driven tools—such as automated communication systems, data analysis platforms, and virtual negotiation technologies—are enhancing diplomatic efficiency. Through lectures, case studies, and simulations, learners will develop insights into the interplay between traditional diplomatic methods and emerging AI administrative supports in global affairs.

DAS.2 AI Policy and Technical Support Systems for Diplomatic and International Relations.

This session will look into how AI supports diplomats in assessing global legal trends, automating policy recommendations, and improving negotiation strategies. Participants will engage with case studies on AI-assisted treaty interpretation, legal compliance monitoring, and conflict resolution mechanisms. By the end of the session, attendees will understand how AI can strengthen diplomatic effectiveness, foster international cooperation, and ensure legal precision in cross-border policy-making.

SCIENCE AND TECHNOLOGY SYSTEM (STS)

STS.1 Fundamentals of Artificial Intelligence (AI)

The course will focus on introduction to basics, history and application of AI; intelligent agents; machine learning- supervised, unsupervised, reinforcement learning; regression, classification and clustering; neural networks, deep learning; Natural Language Processing- text processing, sentiment analyses, and language models; Computer Vision – image processing object detection and image classifications. This course will further cover Introduction to deep learning; neural network basics; activation functions; optimisation algorithms, Deep Neural Networks— Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), long short-term memory network (LSTM); Deep Learning Techniques—Transfer learning, regularisation techniques (dropout, batch normalization), hyperparameter tuning; Applications; frameworks—TensorFlow, Pytorch, Keras.

STS.2 Artificial Intelligence in Data Analysis

Overview of AI, machine learning and data analysis; Data Pre-processing-handling missing values, data normalization and feature scaling; Data Analysis Techniques—Predictive modelling (regression, classification and forecasting); clustering and dimensionality reduction— K-means, hierarchical clustering, PCA, tsNE; Anomaly Detection—Identifying outliers and anomalies.

STS.3 AI in Cognitive Computing and Decision Support Systems

This advanced course examines the integration of Artificial Intelligence (AI) in cognitive computing and decision support systems. Participants will explore how AI models simulate human-like cognitive processes to enhance decision-making in complex environments. The course covers areas such as expert systems, reasoning algorithms, autonomous decision-making, and human-computer interaction. Learners will analyze AI's role in automating strategic decisions, optimizing workflows, and providing actionable insights across industries such as healthcare, finance, and manufacturing. Practical case studies and projects will help students understand how to design AI systems that support critical decision-making and improve organizational efficiency.

IV. PROFILES OF THE ORGANIZING INSTITUTIONS

*** Institute of Law Research & Development of United Nations (ILAWDUN), Washington DC, USA**

The Institute of Law Research & Development of United Nations (ILAWDUN), is an independent, autonomous and private institute, headquartered in Washington DC, which conducts research into international law on all levels, as well as the legal frameworks, policies and programs of the United Nations. It studies and catalogues international law, legal frameworks and policies of the United Nations and its programs of development. It undertakes training programs and seminars, monitoring, education, reporting, consultancy and workshops. It reviews, analyses and publishes annotations on international law on all levels, legal frameworks and programs of development of the United Nations, and recommends developmental reform and legal observance for the benefit of humanity, the United Nations systems and member states, the global Earth, and development across themes, including undertaking and managing educational segments and programs and legal consultancy of various types or categories, and any other types of law services and practice which the Institute would deem appropriate, in fulfilment of its functions and objectives as contained in the Institute's Constitution Articles.

*** The Pennsylvania State University (Penn State), State College, PA, USA**

The Pennsylvania State University (Penn State or PSU) is a public state-related land-grant research university with campuses and facilities throughout Pennsylvania, United States. Founded in 1855, Penn State was named the state's first land-grant university eight years later, in 1863. It ranks high (30) among the top public schools in the 2025 ranking so far. It's the College of Information Science and Technology (CIST) opened its doors in 1999 as one of the first information schools in the world, and has strived to solve the greatest challenges and harness the most exciting opportunities that exist at the intersection of information, technology, and society, including, particularly, Artificial Intelligence (AI) and computer science.

*** Global Institute of Sustainable Development, Advanced Analysis and Design (GISDDAAD), North Carolina, USA**

GISDDAAD is a research-driven institution focused on advancing sustainable development through innovative analysis and strategic design. The institute collaborates with global partners to develop policies, frameworks, and solutions that address environmental, economic, and social challenges. Through interdisciplinary research, education, and consultancy, GISDDAAD promotes sustainable practices across various sectors. It provides expert insights on global development issues, aiming to support long-term policy planning and implementation. GISDDAAD is headquartered in North Carolina, USA, and the institute plays a vital role in fostering sustainability and resilience worldwide.

*** The Royal Melbourne Institute of Technology (RMIT University), Melbourne, Australia**

The Royal Melbourne Institute of Technology (also known as RMIT University) is a public research university located in the city of Melbourne in Victoria, Australia. It was established in 1887 and it is the seventh-oldest institution of higher education in Australia, a founding member of the Australian Technology Network (ATN), and a member of Universities Australia (UA).

*** University of Ljubljana (UL), Ljubljana, Slovenia**

Founded in the Centre of Ljubljana, Slovenia, the University of Ljubljana is the oldest and largest University in Slovenia and one of the most highly rated classical schools in the European region. Established in the seventeenth century with certain academies (notably of philosophy and theology) as Jesuit higher education in what is now Slovenia. The statute-level university was founded in 1810 under the Écoles Centrales of the French administration of the Illyrian provinces. The University ranks globally excellent in science, medicine, engineering, technology, humanities, and law programs.

*** African Academy of Sciences (AAS)**

The African Academy of Sciences (AAS) is a non-aligned, non-political, and not-for-profit pan-African organization committed to transforming lives in Africa through science. It provides advisory and think tank functions to shape Africa's Science, Technology, and Innovation (STI) policies while implementing key STI programs to address developmental challenges. The Academy focuses on five strategic areas: Environment and Climate Change, Health and Wellbeing, Natural Sciences, Policy and Governance, and Social Sciences and Humanities. Through platforms like AAS Open Research, AESA, and the Coalition for African Research and Innovation (CARI), AAS advances scientific research, capacity building, and sustainable innovation across the continent.

*** Indian Institute of Technology Bombay (IITB), Mumbai, India**

Established in 1958 with assistance from UNESCO, the Government of India and other European entities under the UN Expanded Program of Technical Assistance, the Indian Institute of Technology Bombay (also known as IITB or IIT Mumbai) is known worldwide and globally rates first class for its academic excellence. It is a university system that is autonomous in nature. IIT Bombay offers degree and dual degree programs at the UG, PG, and doctoral levels across engineering, science, and management streams. It is recognized worldwide as a leader in the field of engineering education and research, it is reputed for the quality of its faculty and the outstanding calibre of students graduating from its programs. It is ranked number 3 under the 'Overall' and 'Engineering' categories by the NIRF ranking of 2024, and conducts research through facilitation of various research programs in domains such as science and technology, Aerospace Engineering, Biosciences and Bioengineering, Chemical Engineering, Civil Engineering, Climate Studies, Computer Science and Engineering, Digital Health, Machine Intelligence and Data Science, Economics, Energy Science and Engineering, Design, Information & Communication/Computer Technology (ICT), Artificial Intelligence (AI) and various other programs.

*** International Center for Community Development (ICCD), Concord/ Charlotte, NC, USA**

The International Center for Community Development (ICCD) was founded in 2001. With a strong legacy in education, community mobilization, and outreach, ICCD serves low-income and underserved populations while remaining inclusive of all individuals regardless of background. Over the years, it has built strategic partnerships with schools, local organizations, and community institutions to advance education, literacy, youth empowerment, and social development. As host of the Global Summit and Training Program on Artificial Intelligence, Digital Technology, Advanced Science and Law for Sustainable Development (GLOTADALS), ICCD aims to extend its mission of fostering knowledge, innovation, and inclusive growth to a global stage.

*** The University of North Carolina, Charlotte, USA**

The University of North Carolina at Charlotte (UNC Charlotte) is a leading urban research university recognized for innovation, applied scholarship, and strong engagement with global and community challenges. As an R1 research institution, it fosters interdisciplinary learning and partnerships that connect technology, policy, and societal impact. UNC Charlotte hosts the Charlotte AI Institute, which advances ethical, interdisciplinary artificial intelligence research, education, and workforce development. Through its strengths in ICT, data science, engineering, and applied research, the university provides a strong academic and technological foundation for the GLOTADALS program.

The University of North Carolina's roles in the GLOTADALS summit and training program is coordinated by the **Center for Applied Geographic Information Science (CAGIS)**, which is the University's interdisciplinary research center, which focus involves data, maps, and spatial technology, with research themes including urban resilience, big data analytics, and computational intelligence. CAGIS focuses on using advanced space-time theories, methods, and technologies in cutting-edge Geographic Information Science to address pressing multi-scale resource and sustainability issues. Based on the synergistic coupling of spatiotemporal and computational thinking, major research themes of CAGIS consist of: Cyber-GIS for large-scale geographical problem-solving Land use/cover change, and coupled human and natural systems (CHANS); Urban resilience, sustainability, and complexity; Big data and space-time analytics; Remote sensing, sensor networks, and volunteered geographic information Computational intelligence for geo-computational modeling; Cartography and geo-visualization driven by the Internet Open-source GIS software. CAGIS has unique strength in these cutting-edge research themes and has intensive interest in their applications in alternative spatially integrated domains, including Artificial Intelligence, Environmental studies, Ecology, Earth science, Hazard/Disaster, Hydrology, Public Health, Social science, Transportation, Urban regional analysis and policies. The outreach mission of CAGIS is to foster and facilitate the application of geospatial data and analytical solutions derived from its research outcomes to meet the needs of faculty and students across the University of North Carolina and external stakeholders at local and national levels. CAGIS seeks to sustain and foster partnerships with a wide audience of stakeholders and decision makers for community engagement through the provision of technical and research expertise in GIS-based spatial analysis and modelling.

Additional Information: For further information, visit <https://www.glotadals.us>

V. SUPPORTING INSTITUTIONS

• Center for Applied Geographic Information Science (CAGIS), University of North Carolina, Charlotte • Universal School of Eclectic Analysis, Legal Research & Law Studies (UNISERL), Suffolk, UK • Al- Yamamah University, Al-Khobar, Saudi Arabia • International Institute for Humanitarian & Environmental Law (ISHERL), Abuja, Nigeria • Insignia Global, London, UK • Comfort Care Recruitment & Training Ltd, Cardiff, UK • Multi-Intelligence Development LLC, Howard / Washington DC, USA. • Simple Migrate Enterprise Inc., Vancouver, Canada/ Dallas (More to be added)

PLACES TO VISIT IN CHARLOTTE (CONCORD), NORTH CAROLINA, USA

