

Editorial

Dear Participants:

Welcome to the second Celebration of the World Green Science Day 2023 on behalf of the Andean Road Countries for Science and Technology (ARCST) and the organizing committee of the World Green Science Day.

This day marks a significant milestone in our journey towards a sustainable future. We have gathered experts from all over the continents to celebrate the achievements of science and technology in promoting, green science, climate action, biodiversity conservation, and green development in harmony with nature.

The Science Culture Construction has played a vital role in this journey. It has helped us to create a culture of innovation, collaboration, and sustainability. It has enabled us to develop new technologies, new products, and new solutions that are environmentally friendly and socially responsible.

Throughout the international and mutual collaboration, we have launched two centers, the first one in June this year, the International Green Science Center for Latin America and the Caribbean (IGSCLAC) in Colombia, and the International Center for Innovation in Science and Technology for Latin America and the Caribbean (CICITLAC) in El Salvador. Together we will keep promoting Biopochito which is the main character of a game designed to support young people ages 8 to 12 in developing green science readiness skills, raise awareness about climate change, show them the role that humans play in it, and engage them in biodiversity conservation and green and sustainable development. The game is an adventure in game-based learning drawing on a team of professors with more than a decade of curriculum development experience at their institutions. By engaging young students in climate change action and biodiversity conservation, Biopochito is helping to make green science more popular in the world. The game is a fun and interactive way for young people to learn about the importance of protecting the environment and the role that they can play in creating a more sustainable future.

Embarking on an extraordinary journey towards a sustainable future, we are thrilled to announce that all the contributions of our distinguished speakers at the World Green Science Day will find a lasting home in the inaugural Green Science Library—a groundbreaking initiative in collaboration with the Journal of Latin American Sciences and Culture and several other institutions. This repository will encapsulate the collective efforts, innovative ideas, and transformative solutions contributed by our dedicated participants. Together, we are weaving a narrative of progress, fostering a community of visionaries, and laying the foundation for a greener

tomorrow. Your contributions will be immortalized in the pages of this library, symbolizing a shared commitment to environmental stewardship and the pursuit of knowledge that transcends borders. We are united in this noble cause and together we inscribe our legacy in the chronicles of sustainable science and culture.

As the curtains draw close on today's celebration, we will announce the three most exceptional works that have presented to the "Sustainable Future through Applications of Science and Technology – SFAST 2023," contest. They have illuminated the path to a sustainable tomorrow. In the crucible of innovation, we sifted through a remarkable pool of over 200 articles—each a testament to the dedication and brilliance of our contributors. The selection process was arduous, a testament to the high caliber of submissions received. Indeed, every article held the potential to be a winner, making the task of singling out the best an intricate challenge. Yet, after careful deliberation, the time has come to unveil the three best works, whose contributions stand out as beacons of excellence, illuminating the way forward in our collective journey toward a sustainable and enlightened future.

Today, we stand at a crossroads. The world is facing unprecedented challenges, from climate change to biodiversity loss, from pollution to resource depletion. But we also have unprecedented opportunities. We have the knowledge, the skills, and the technology to create a better world for ourselves and future generations.

The Science Culture Construction is the key to unlocking these opportunities. It is the foundation upon which we can build a sustainable future. It is the bridge that connects science and society, that brings together scientists, policymakers, and the public to work towards a common goal.

We extend our heartfelt appreciation to the numerous institutions and experts both within China and abroad, whose invaluable contributions were pivotal in organizing the World Green Science event. The success of this endeavor, aimed at fostering global collaboration in the realm of environmental sciences, is a testament to the collective efforts of over 150 individuals. Their dedication and expertise transcended geographical, cultural, and linguistic barriers, underscoring the universal importance of addressing environmental challenges collaboratively. These collaborative efforts not only emphasize the significance of international cooperation but also highlight the shared commitment of diverse individuals and organizations toward a sustainable and greener future for our planet.

Let us work together to promote green development and biodiversity conservation. Let us use science and technology to create a better world for ourselves and future generations. On this World Green Science Day, let us renew our commitment to the Science Culture Construction.

The organizing committee of the World Green Science Day 2023.



Figure 1. Official Logo of the First Celebration of the World Green Science Day in 2022. Source: Andean Road Countries for Science and Technology (ARCST)

The climate crisis and environmental degradation are two of the most significant challenges facing humanity as a whole. These challenges will last for decades, and immediate action is needed to address them. Not only is it urgent to preserve ecosystems and the abundant Earth we know it to be, but for the sake of the human species' survival. In that sense, under the framework of the Science Culture Construction (SCC) initiated by the Andean Road Countries for Science and Technology (ARCST), the first World Green Science Day (WGSD) was launched and celebrated on December 9th, 2022. The main goal was to raise awareness of the role that science plays in societies that are peaceful and sustainable. "Green Science for and with Society" (moving towards a nature-positive world) was 2022's theme for the WGSD. It emphasized how "science" is inclusive and equal and how it is helping to tackle important environmental goals.

In 2023, we will explore the research, policies, practices, innovative ideas, and actions taken by different organizations around the world to engage society in climate change action. We want to get the public involved in open science discussions about current science-related issues. This year's theme is "The New Paradigm for Cooperation: The Science Culture Construction Fostering Innovation and Green Development" especially focused on "Green Science and Sustainable Development in Practice."

The WGSD 2023 will focus on important adaptations to mitigate the adverse effects of biodiversity loss, climate change, pollution, and water calamities. The event will discuss contemporary issues that are crucial to the ongoing exchange of information related to human health, the economy, food security, climate, biodiversity conservation, green development, and people's well-being.

WGSD 2023 is oriented to:

- The scientific community, including universities and, in particular, departments involved in environmental sciences, biology, ecology, physical geography, botany, zoology, climatology, meteorology, and the management of natural resources.
- The educational community, particularly universities and schools, who are interested in converting their own buildings into places that are friendly to the environment.
- The general public, including young people who are concerned about resilience to climate change, biodiversity, and water management.
- Government ministries and agencies with a mandate and an interest in biodiversity, climate, the environment, pollution, and water.

WGSD 2023 aims to:

- Implement the thoughts on ecological civilization into science popularization.
- Focus on scientific communication of biodiversity conservation and green development, and further strengthen the connection between scientific research projects and science popularization.
- Integrate different countries into actions related to the fulfillment of the Sustainable Development Goals (SDGs 3,6,11,12,13,14,15).
- Promote scientific literacy, climate literacy, wetland protection, biodiversity protection, and green development,
- Boost public understanding of green science development.
- Grow the academic network of experts interested in Biodiversity Conservation and Green Development.
- Raise interest in Green actions to promote the restoration of wetlands, oceans, watermarks, etc.
- Create and launch the first Green Science Library.
- Strengthen the quantity and quality construction of science popularization bases and expand their functions.
- Popularize practices around major issues such as ecological civilization, climate change, sustainable development, and human health.



Figure 2. Official Logo of the Second Celebration of the World Green Science Day in 2023. Source: Andean Road Countries for Science and Technology (ARCST)

WGSD is an excellent and exceptional opportunity to join representatives of different countries, among which borders and distances no longer exist. Offering delegates the chance to discuss their experience in promoting tangible actions that favor green development and biodiversity conservation. We challenge the academic community to take on new perspectives and build strong new friendships that span across the globe. The event will be inspirational through our guest speaker sessions and scintillating topics.

Theme: *The New Paradigm for Cooperation: The Science Culture Construction Fostering Innovation and Green Development*

Sub-theme: “Green Science and Sustainable Development in Practice.”

Forums: Panel speeches on the congress theme, 5 subforums (the information about each forum can be found below).

- Forum 1 Green Development Agenda,
- Forum 2 Green Science Popularization,
- Forum 3 Green Technology and its Applications,

- Forum 4 Global Initiatives in Harmony with Nature,
- Forum 5 Hydrogen Energy, an alternative for the future

Date and Time: 9th December, 18:30 -22:30 (Beijing time), 6:30 am – 10:30 am (GMT-4)

Venue: via Zoom (after registration, the link will be shared one day before the event with the speakers). The participants can join the live broadcast on Baidu and Weibo.

Organizers:

1. Andean Road Countries for Science and Technology (ARCST)

Founded in 2018, ARCST is an international scientific organization based on the general principles of “joint consultation, joint effort, and joint sharing” and the promotion of shared development and achievement of the UN SDGs. ARCST members include national academies of sciences, universities, research institutes, and international organizations. ARCST is committed to playing an effective role in catalyzing and implementing innovative international science initiatives to build a community of humankind with a shared future. Science, Technology, Innovation, and Capacity Building (STIC) are essential to the progress and welfare of human societies and ARCST is particularly keen to cooperate and partner with those who want to collaborate in these endeavors. Promoting the popularization of Science, the exchange of knowledge, the diffusion of information, mutual learning, and collaboration. The vision of ARCST is to become an international science organization of global impact in catalyzing and implementing concrete innovative programs, initiatives, and actions in Science, Technology, Innovation, and Capacity Building (STIC) for the promotion of shared development and the advancement of the UN Sustainable Development Goals (SDGs).

2. Science Culture Construction (SCC)

Science Culture Construction (SCC) refers to the promotion of science and technology as a cultural value. It involves the creation of an environment that promotes the conservation, development, and diffusion of science and technology, and the freedom indispensable for scientific research, which aligns perfectly with Article 15 of the International Covenant on Economic, Social, and Cultural Rights. The SCC helps to foster a culture of innovation and creativity, which is essential for the development of new technologies and the advancement of society. The SCC is a new paradigm of collaboration that

aims to bring together scientists, policymakers, and the public to address complex problems. This approach can be particularly useful in promoting green development and green science, which are essential for addressing environmental challenges and green development.

3. China Biodiversity Conservation and Green Development Foundation (CBCGDF)

Founded in 1985, China Foundation for Biodiversity Conservation and Green Development (CBCGDF), is a non-profit public foundation and a social legal entity dedicated to the conservation of biodiversity and green development. It is an independent NGO on the environment, biodiversity conservation, sustainability, and CCAfa (“Community Conservation Area”). It is a member of IUCN and the UN Global Compact and an accredited observer of the UN IPBES. It is also a member of the Global Genome Biodiversity Network (GGBN), a partner of the Convention on the Conservation of Migratory Species of Wild Animals (CMS), and an observer of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) of the FAO of the United Nations. It is an official data publisher of the Global Biodiversity Information Facility (GBIF). By far, CBCGDF has funded hundreds of grassroots NGOs supported tens of thousands of people, and organized many environmental and conservation events across the country to raise awareness, encourage people, and empower people.

4. Journal of Latin American Sciences and Culture (JLASC)

Founded in 2019, with ISSN 2788-8991 (France). Publishes scientific and academic articles in three languages, English, Spanish, and Chinese. The Journal of Latin American Sciences and Culture (JLASC) is an international journal seeking to promote the scientific landscape in Latin America and the Caribbean by pushing conventional boundaries to include issues, perspectives, and methods relevant to education, science, technology, and culture. JLASC thus intends to truly internationalize these areas through the journal’s attention globally. JLASC seeks to explore not only the diversity and richness of Latin American and Caribbean scientific issues, but also perspectives, research methods, and evidence of the many creative flows of influence that exist between Latin America, Sino-American cultures, and other peripheries, therefore, education, science, technology can be powered by wide-ranging ideas from many cultures and research areas. JLASC welcomes submissions that focus on empirical research, theoretical analyses, or literature and book reviews. Proposals for special issues are actively encouraged and should be discussed with the Editor-in-Chief or a member of the Senior Editorial Team

of the journal. The JLASC promotes scientific literacy, the popularization of science, science popularization, Media, and Information Literacy (MIL) through the guidelines of UNESCO. The JLASC also promotes the exchange of knowledge and the dissemination of information for the development of society in science, technology, innovation, education, and culture. Special attention is given to the use and promotion of the Spanish language for these purposes. We also count on the support of Chaoxuan Intelligent Research Institute and Elektro High Tech Co. Ltd for the promotion of Science and Technology advances that can be beneficial for the world.

5. Elektro High Tech Co. Ltd.

Founded in 2020, Elektro has the mission to improve people's lives through meaningful innovation. At the same time has the vision to inspire the world with innovative technologies, products, and designs that enrich people's lives and contribute to social prosperity by creating a new future in harmony with nature.

6. Universidad Privada del Valle (UNIVALLE)

Founded on October 4, 1988, by Dr. Gonzalo Ruiz Martínez; Univalle has been projected as a synonym for academic excellence in Latin America with more than 32 undergraduate degree programs. Currently, about 14,000 national and foreign students carry out their higher studies in the university infrastructure with the greatest technological advance in Bolivia. In these 33 years of academic trajectory, Univalle has trained more than 16,000 professionals at the undergraduate and postgraduate levels in its four locations, which are located in Cochabamba, La Paz, Sucre, and Trinidad. And soon in the new headquarters located in Santa Cruz. Our history reflects the fact that "We are the Scientific Answer to the Future".

7. Unidad Central del Valle del Cauca (UCEVA)

The Central Unit of Valle del Cauca (Spanish: Unidad Central del Valle del Cauca), also called UCEVA, is a public, departmental, coeducational university based in the city of Tuluá, Valle del Cauca, Colombia. The UCEVA is a public institution of higher education, committed to the training of upright professionals for the human development of the region and the country, in the context of its social responsibility; founded on the exercise of its autonomy, with continuous improvement as a quality condition, from an integrating curriculum mediated by an inter structuring pedagogical model, relevant for the transformation of the life of its stakeholders, responding through the generation of knowledge to the challenges of local society. In its commitment

to permanence in time for the year 2030, the UCEVA will be recognized as an institution of high quality in its missionary processes, its significant impact on regional and national development and inclusive dialogue with local society, guiding its actions to the continuous search for the transformation of the life of its stakeholders.

8. International Green Science Center for Latin American and the Caribbean Countries (IGSCLAC)

Nowadays, mutual collaboration is essential for the development of science and technology. With the same spirit, we emphasize the importance of collaboration, mutual understanding, friendship utilizing mechanisms of science popularization, and the promotion of technology and innovation in different areas of knowledge. That is why, we are honored to launch the International Green Science Center for Latin America and the Caribbean Countries (IGSCLAC) located in Colombia, longing to connect the community of researchers, professors, students, and the community in general between Latin America, the Caribbean, and the world.

The center engages society in actions that favor the well-being and well-being in harmony with nature, utilizing scientific, technical, and educational methods for this purpose. The members of the center believe that through IGSCLAC it will be possible to communicate and exchange views and break the geographic and language barriers that sometimes are responsible for ineffective communication at the international level. IGSCLAC is looking forward to your participation.

9. Centro Internacional de Innovation en Ciencia y Tecnologia para Latino America y el Caribe (CICITLAC)

The International Center for Innovation in Science and Technology for Latin America and the Caribbean (CICITLAC from its acronym in the Spanish language) is the result of the transcontinental integration of stakeholders from the public and private sectors that firmly believe in the paradigm of the Science Culture Construction (SCC) to promote collaboration and green development. CICITLAC is located in El Salvador. Its strategic position will integrate the North and the South regions of the Caribbean and Latin America through the promotion of innovation in the areas of green energy technologies, research, and development, science popularization, etc. With the main vision to build a community with a shared future for humankind.

10. International Green Science Academy Network (IGSAN)

Our network is a unique community of Universities, Academies, and Research Centers located across the globe. We support each other and collaborate to provide the exchange of knowledge, the diffusion of information, green science popularization, biodiversity conservation, and green development. We offer opportunities to connect, share, and provide meaningful and pragmatic development of Green Science. We work with partner organizations to build broader collaboration and projects across the Globe. IGSAN's mission is to empower individuals, especially youth, to lead in the response to biodiversity protection, green development, and environmental challenges facing the globe. By establishing partnerships, we develop, implement, and oversee educational programs and workshops that promote environmentally sustainable behaviors among all age groups, with a particular emphasis on University students. IGSAN is the result of the collaboration between different academic institutions across the globe. IGSAN is an initiative of the Green Science Project (GSP) the South-South Biodiversity Science Project (SSBSP) and the International Green Science Center for Latin America and Caribbean Countries (IGSCLAC) to promote biodiversity conservation and green development across the globe.

Collaborators:

1. National University of Science and Technology (Pakistan)

The university offers undergraduate and graduate degrees, including doctoral and professional degrees. Founded in 1990, it was initially formed for the need of commissioned officers by combining engineering colleges and schools. Later, it was converted into a public research university with the main campus setup in Islamabad to promote science and technology in Pakistan. Founded to provide quality technical education to support rapid industrialization in Pakistan, NUST adopted an American university model and stressed laboratory instruction in applied science and engineering.

It has since played a key role in the development of standardization in education of fields such as engineering, mathematics, and technology in Pakistan and is widely known for its innovation and academic strength, making it one of the most prestigious institutions of higher learning in Pakistan. The university is also home to an under-construction International Association of Science Parks (IASP) certified National Science and Technology Park.

2. Jinzhong Institute of Information

Approved by the Ministry of Education and People's Government of Shanxi Province, Jinzhong College of Information (JCI) is a modern multidisciplinary institution featured in information science and technology while developing simultaneously with disciplines including economics, literature, science, engineering, agriculture, management, and the arts. Established in 2002, JCI is located in the famous historical and cultural city of Taigu, Shanxi Province, which is known as the hometown of Mencius mom and the origin of famous Shanxi merchants.

3. Daxing International Hydrogen Incubator

Daxing International Hydrogen Energy Incubator is located in Building 2 of the Daxing International Hydrogen Energy Demonstration Zone. It is a unique hydrogen energy vertical incubator in China. Committed to creating a hydrogen industry vertical incubation space, through the “depth of incubation + precision investment + entrepreneurial training + brand exposure + resource docking” incubation model, to provide “low-cost joint office space + high-quality business support + entrepreneurial mentor practical counseling” services, With the help of the hydrogen energy demonstration zone to provide entrepreneurs with a wide range of social and resource integration channels, thereby reducing the entrepreneurial threshold of entrepreneurs, accelerating the development process of entrepreneurs, improving the success rate of entrepreneurship, and forming a gathering place for innovation resources in the hydrogen energy industry.

4. South China Agricultural University

Situated in Guangzhou, “The City of Flowers”, South China Agricultural University (SCAU) is a high-level university listed in the “Double-First Class University Program” of China. SCAU covers a total campus area of 546.6 hectares, of which constructed area is over 1.39 million square meters. With beautiful scenery and a pleasant environment, the university is selected as one of the ten most beautiful campuses in China. The university has formed valuable traditions and shaped distinguished features as reflected by the university motto Upgrading Integrity, Broadening Knowledge, Pursuing Truth, Seeking Breakthroughs. We provide high-quality knowledge, education, and research, and were evaluated as “excellent” for undergraduate education by the Ministry of Education.

5. Chaoxuan Intelligent Research Institute

Chaoxuan Research Institute is a leading technology and mode research and development institution set up by Chaoxuan Group. The Institute brings together academicians and experts in various fields and has an academic committee and some expert committees.

6. UNESCO Media and Information Literacy (MIL) Alliance

Our brains depend on information to work optimally. The quality of information we engage with largely determines our perceptions, beliefs, and attitudes. It could be information from other persons, the media, libraries, archives, museums, publishers, or other information providers including those on the Internet. People across the world are witnessing a dramatic increase in access to information and communication. While some people are starved for information, others are flooded with print, broadcast, and digital content. Media and Information Literacy (MIL) provides answers to the questions that we all ask ourselves at some point. How can we access, search, critically assess, use, and contribute content wisely, both online and offline? What are our rights online and offline? What are the ethical issues surrounding the access and use of information? How can we engage with media and ICTs to promote equality, intercultural and interreligious dialogue, peace, freedom of expression, and access to information? Through capacity-building resources, such as curricula development, policy guidelines and articulation, and assessment framework, UNESCO supports the development of MIL competencies among people. Free and open online courses are available for self-paced learning about MIL. Through media and information technologies, the Organization facilitates networking and research through the Global Alliance for Partnerships on MIL (GAPMIL) and MIL University Network. The recently launched MIL CLICKS social media initiative is also part of UNESCO's strategy to enable media and information-literate societies.

7. Mega Science

Founded in 2021. Science popularization means to bring science to the general public, disseminate knowledge, and foster a scientific way of thinking among people. In particular, science popularization refers to the understanding of science and public engagement. In this way science popularization is a powerful tool and a strategic measure to build a modern society, not only disseminating useful knowledge and skills but also spreading a general approach and a common culture. In general, conflicts between the science community and public opinion are connected to people's distrust but also to scientists' prejudice. In some cases, science is not correctly understood by

non-scientists due to the use of technical jargon and wrong communication. We believe that every topic can be the object of scientific popularization; it only depends on the communication skills of who is in charge of the dissemination and the way to disseminate it. That is why we are glad to cooperate with Mega Science, the first platform of science popularization that creates and shares content in three languages and diverse areas of science.

8. YPGLOBAL SDN

With youth as the main body and with the aim of promoting sustainable development in the world, Implement the United Nations SDGs goals, through the implementation and dissemination of education for sustainable development and other projects, empower youth development, enhance youth's systematic understanding of human destiny and well-being, the Earth's ecological crisis, and international social issues, and cultivate youth's social responsibility awareness, citizen action, and cross-field collaboration ability.

Languages: Chinese, Spanish, and English

I. Congress Scientific Board

Ojeda S. Mary L., Unidad Central del Valle del Cauca – Tuluá.

Perez C. Jose G., Unidad Central del Valle del Cauca – Tuluá.

Ruiz de La Quintana Jorge C., Research Director, Univalle University.

Zhou Jinfeng, Secretary-General of China Biodiversity Conservation and Green Development Foundation (CBCGDF).

Wong Linda, Deputy Secretary General of the China Biodiversity Conservation and Green Development Foundation (CBCGDF).

Yuan Sherry, South China Agricultural University.

Gonzales R. Maria J., National Head of Promotion of the Comprehensive Development of Forests and Land of the Authority for the Supervision and Social Control of Forests and Land for Bolivia.

Zhou Candice, Zhonguancun Dongsheng International Science Park.

Lamas Edwin, Facultad Nacional de Ingeniería, Universidad Técnica de Oruro.

Ming Li, Zhou Candice, Zhonguancun Dongsheng International Science Park.

Cabero Z. Marco A., President Anden Road Countries for Science and Technology.

II. Congress Organizational Board:

Moreno G. Daniel H., Universidad Central del Valle del Cauca – Tuluá.
 Otero Valle Maria Nadiezda, Didactic Comprehensive Management in Sustainable Hydrosanitary Engineering, Univalle University.
 Dr. Bushanova Violetta, Kazakhstan University of Innovative and Telecommunication Systems.
 Santos Indala Edwin, Universidad San Francisco Xavier de Chuquisaca.
 Shao Xiaoting, Secretary-General of GTC, China Forestry & Environment Promotion Association.
 Sliwa Krzysztof, Universidad de Bielsko-Biala, Poland.
 Tan Yiyong, Deputy Secretary-General of the Garbage Treatment Working Committee of China Forestry and Environment Promotion Association.
 Wu Chao, Founder of Youth Promoting Global Sustainable Development Network (YPGlobalSDN).
 Wu Qiuling, Founder of Upbeing, an online platform.
 Zhao Liu, Founder Beijing Yuelv Architectural Design Co., Ltd.
 Zhao Yanyan, Vice President of Beijing Chaoxuan Intelligent Science and Technology Research Institute.

III. Congress Agenda

Time	Venue	Participants
18:00 - 18:45	Waiting room opens. Different locations on the world connected by zoom	Open to everyone
18:46 - 18:51	Presentation of the Soundtrack of the World Green Science Day WGSD 2023.	
18:52 - 18:59	Presentation of the video of Mother Nature by Julia Roberts	
Keynote Speech Session / Inauguration of the WGSD 2023 & 2nd Annual Meeting on Science and Climate Literacy		
Time	Speaker	Affiliation
19:00 - 19:03	Dr. Shantel Guillaume	Communication officer, Andean Road Countries for Science and Technology (ARCST)
19:03 - 19:08	Prof. Dr. Marco A. Cabero	Chairman ARCST
19:08 - 19:15	H.E. Maria Soledad Cordova	Ambassador of Ecuador in the Popular Republic of China

19:16 19:20	-	Prof. Dr. Imran Hashmi	National University of Sciences and Technology (NUST, Pakistan), International Green Science Academy Network (IGSAN). Advisor ARCST
19:21 19:27	-	Prof. Jose Gabriel Perez & Prof. Mary Luz Ojeda	Unidad Central del Valle del Cauca (UCEVA, Colombia), International Green Science Center for Latin American and the Caribbean Countries (IGSCLAC). Advisors ARCST
19:28 19:34	-	Prof. Jorge Ruiz	National Research Director Universidad Privada del Valle (UNIVALLE)
19:35 19:41	-	Dr. Sylvain Eimer	Editor Journal of Latin American Sciences and Culture (JLASC), ARCST Advisor, Beihang University
19:42 19:46	-	Dr. Ting Shao	Daxing International Hydrogen Incubator
19:47 19:51	-	Dr. Desire Atchike	Liaison Andean Road Countries for Science and Technology (ARCST), Taizhou University.
19:52 20:00	-	Coffee Break, arrangement of the forums	Worldwide Participants

Forum 1 Green Development Agenda		
Chair:	Pablo Arce Maldonado (Universidad Privada del Valle)	
20:00 20:04	-	Introduction to the forum
Time	Speaker	Affiliation
20:05 20:18	-	Prof. Douglas de Castro Lanzhou University
20:19 20:29	-	Andey Ng Peking University
20:30 20:40	-	Angel Jose Lozada Das Dores Unidad Central del Valle del Cauca
20:41 20:46	-	Dr. Michael Opoku Adomako Taizhou University
20:47 20:53	-	Dr. Hassan Anwer National University of Sciences and Technology
20:54 21:04	-	Dr. Andréa Condamine University of Jiangnan
21:05 21:15	-	Dr. Hira Amjad National University of Sciences & Technology
21:16 21:31	-	Prof. Sara Platto Jiangnan University

Forum 2 Green Science Popularization		
Chair:	Prof. Desire Atchike (Taizhou University)	
20:00 20:04	-	Introduction to the forum
Time	Speaker	Affiliation

20:05 20:15	-	Prof. José Gabriel Pérez Canencio & Prof. Mary Luz Ojeda Solarte	Unidad Central del Valle del Cauca
20:16 20:27	-	Dorofeeva Anastasiia	Language School Welcome
20:28 20:39	-	Dr. Sotindjo Coffi Patrick	National University of Sciences, Technologies, Engineering and Mathematics (UNSTIM) - Benin
20:40 20:50	-	Prof. Alexandra Trujillo Zapata & Prof. Karol Andrea Leal Vásquez & Prof. Luisa Fernanda Cabezas Burbano	Unidad Central del Valle del Cauca
20:51 20:56	-	Shabahat Hasnain Qamar	National University of Sciences and Technology (NUST)
20:57 21:08	-	Zhang Jing Jing	Jinzhong College of Information
21:09 21:13	-	Cristina Morataya & Manuel Diaz	Executive committee CICITLAC
Forum 3 Green Technology and its Applications			
Chair	Prof. Dr. Imran Hashmi (National University of Sciences and Technology)		
20:00 20:04	-	Introduction to the forum	
Time	Speaker	Affiliation	
20:05 20:12	-	Duan Yongjian	Jinzhong College of Information
20:13 20:23	-	Prof. Edgar De Jesus Sandoval Arboleda & Prof. Vivian Orejuela Ruiz	Unidad Central del Valle del Cauca
20:24 20:32	-	Dr. Jimena Barrientos Parás	Universidad Nacional Autónoma de México (UNAM)
20:33 20:42	-	Prof. Kunzheng CAI	South China Agricultural University
20:43 20:53	-	Zhang Tiantian	Jinzhong College of Information
20:54 20:58	-	Prof. Xiaoyun Wang	Shandong Agricultural University
20:59 21:09	-	Dr. Rashid Iftikhar	National University of Sciences and Technology
21:10 21:20	-	Dr. Moisés Tejocote Pérez	Autonomous Mexico State University

Forum 4 Global Initiatives in Harmony with nature			
Chair:	Alvaro Gutierrez Rojas ((Universidad Privada del Valle)		
20:00 20:04	-	Introduction to the forum	
Time	Speaker	Affiliation	
20:05 20:15	-	Dr. Ana Elisa Alcántara Valladolid	Autonomous Mexico State University

20:16 20:22	-	Ling Xu	Future Green
20:23 20:34	-	Pei Tingting	Jinzhong College of Information
20:35 20:47	-	Di Xiaoying	Jinzhong College of Information
20:48 20:59	-	Yu Xi	Fudan University
21:00 21:05	-	Li Shuxuan	Jinzhong College of Information

Forum 5 Hydrogen Energy, an alternative for the future		
Chair:	Yang Shanshan (Jinzhong College of Information)	
20:00 20:04	-	Introduction to the forum
Time	Speaker	Affiliation
20:05 20:16	-	Prof. Kong Yanqiang School of Energy Power and Mechanical Engineering, North China Electric Power University, and Deputy Director of the Hydrogen Energy Teaching and Research Office
20:17 20:27	-	Zhang Ruixue Regional Manager of Beijing China Electronics Fengye Technology Development Co., Ltd.
20:28 20:39	-	Prof. Chen Dongfang University of Science and Technology Beijing
20:40 21:00	-	Yang Kai Beijing Hydron New Energy Technology Co., Ltd. Founder/General Manager
21:01 21:12	-	Yang Wei Sales Manager of Carbon Energy Technology (Beijing) Co., Ltd.

I. For the speakers:

- Keynote Broadcast links: these will be shared by email, WeChat or WhatsApp message

II. For the audience:

- Keynote Broadcast links:

B. Baidu broadcast link:

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8789961366>

C. Weibo broadcast link:

https://m.weibo.cn/status/4972740810902837?s_channel=4&s_trans=5327744144_4972740810902837

D. Broadcast Forum1 :

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8815149950>

E. Broadcast Forum2:

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8815159520>

F. Broadcast Forum3:

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8815164729>

G. Broadcast Forum4:

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8815171007>

H. Broadcast Forum5:

<https://mbd.baidu.com/newspage/data/mdpage?sid=1016847&tag=33&offset=10&method=LiveList&getTPL=1&livepre=1&roomid=8815175712>