NEWS RELEASE

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ACM PUBLISHES NEW *JOURNAL ON COMPUTING AND SUSTAINABLE SOCIETIES*

Fields that Support Sustainable Societies Worldwide Among Topics to Be Covered

New York, NY, November 8, 2023 – ACM, the Association for Computing Machinery, has announced the publication of the first issue of the *ACM Journal of Computing and Sustainable Societies* (JCSS), a new peer-reviewed publication. Issued quarterly, JCSS is inspired by the broad agenda of the United Nations Sustainable Development Goals (SDGs). The journal aims to explicitly promote interdisciplinary research, new methodologies, and studies that address key societal challenges. The editors welcome papers on topics including sustainability, gender equality, health, education, climate change, and economic growth, among others.

Contributions on the ethics of technology, especially from a critical perspective that explores limitations and concerns with technology-led solutions for sustainable societies, are especially welcome. Research articles should be original, innovative, and contribute significantly to advancing sustainability and inclusivity goals.

Articles in the inaugural issue include:

- "Focusing on the Unfocused: Corresponding Perspectives on Connectivity Among Small-scale Non-profit Organizations Working for Street Children in Bangladesh and Their Donors," by Rudaiba Adnin, Ishita Haque, Sadia Afroz, Alvi Md. Ishmam, Sakil Sarkar, Md. Kafi Khan, Afsana Mimi, Sriram Chellappan, and A. B. M. Alim Al Islam
- "Robust OCR Pipeline for Automated Digitization of Mother and Child Protection Cards in India," by Devesh Pant, Dibyendu Talukder, Aaditeshwar Seth, Dinesh Pant, Rohit Singh, Brejesh Dua, Rachit Pandey, Srirama Maruthi, Mira Johri, and Chetan Arora
- "Pixel Perfect: Using Vision Transformers to Improve Road Quality Predictions from Medium Resolution and Heterogeneous Satellite Imagery," by Aggrey Muhebwa, Gabriel Cadamuro, and Jay Taneja

- "How Viable are Energy Savings in Smart Homes? A Call to Embrace Rebound Effects in Sustainable HCI," by Christina Bremer, Harshit Gujral, Michelle Lin, Lily Hinkers, Christoph Becker, and Vlad C. Coroamă
- "VibWall: Smartphone's Vibration Challenge-response for Wall Crack Detection," by Wei Sun
- "AI-Based Market Intelligence Systems for Farmer Collectives: A Case Study from India," by Ronak Ladhar, Sourav Sharma, Srikant Tangirala, Nishant Gupta, Abdul Azeem, Arjav Jain, Bhuvan Chand Katakam, Aditya Bommakanti, C. Sankaraiah, Hari Prasad Piridi, Kaushalendra Yadav, Kumra Vittalrao, Matiur Rahman, Rashul Chutani, Rishi Shah, Rohan Katepallewar, Dipanjan Chakraborty, and Aaditeshwar Seth
- "Exploring the Barriers and Potential Opportunities of Technology Integration in Community-Based Social Service Organizations," by Oghenemaro Anuyah, Ann-Marie Conrado, Clinton Carlson, Hope Gilbride, and Ronald Metoyer
- "A First Look into Software Security Practices in Bangladesh," by Ankit Shrestha, Tanusree Sharma, Pratyasha Saha, Syed Ishtiaque Ahmed, and Mahdi Nasrullah Al-Ameen

In addition to EIC Subramanian, the JCSS editorial team is drawn from countries around the world including, Canada, Ecuador, Kenya, India, Ireland, Pakistan, Slovenia, South Africa, Rwanda, Uganda, and the United States. The editorial board also includes 10 Area Editors for AI, ML and Data Science for Sustainable Societies, eight Area Editors for Development, Economics and Policy, nine Area Editors for Environment, Sustainability and Climate Change, nine Area Editors for HCI, Design and Critical Perspectives, 10 Area Editors for Systems and IoT for Sustainable Societies, and seven Area Editors for Technology, Media, and Social Practice.

ACM publishes more than 60 scholarly peer-reviewed journals in dozens of computing and information technology disciplines. Available online through the ACM Digital Library, ACM's high-impact journals constitute a vast and comprehensive archive of computing innovation, covering emerging and established computing research for both practical and theoretical applications.

About ACM
ACM, the Association for Computing Machinery is the world's largest educational and scientific computing society, uniting computing educators, researchers, and professionals to inspire dialogue, share resources, and address the field's challenges. ACM strengthens the computing profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking.

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