



## Humanitarian Activities Committee



## 2022 IEEE HAC Annual Report



# IEEE HAC — Amplifying the Impact of Grassroots Humanitarian Technology Around the World

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## SUSTAINABLY SPEAKING: A LETTER FROM THE CHAIR

Dear Friends,

I am pleased to share the second IEEE Humanitarian Activities Committee (HAC) Annual Report, which showcases the breadth and depth of programs that have benefited members and communities worldwide in 2022.

I am equally excited to share that this will be the last version of the report for IEEE HAC as a committee. Going forward, the report will come from the new IEEE Humanitarian Technologies Board (HTB).

We are delighted with the decision made in November 2022 to promote HAC to an IEEE board. The bar-raising growth and global impact that HAC has had over the last few years have greatly advanced humanitarian technology activities at IEEE. HAC's achievements set the stage for HTB to build upon its growth — deepening partnerships with IEEE organizational units, providing members with engaging opportunities, and representing IEEE externally to build awareness of the role of technology in sustainable development. This is a major milestone in the story of humanitarian technology activities at IEEE, and it is a true honor for our efforts to be recognized in this way.

It has been an amazing journey to serve as the HAC Chair in 2021 – 2022, and I'm proud that the committee was able to support highly impactful programs on a global scale that led to record-breaking growth for HAC. Despite the challenging circumstances caused by the COVID-19, HAC delivered a portfolio of global opportunities to enrich the IEEE membership experience. Acting on its strategic areas of focus, HAC made significant advances on many fronts, including the following:

- Developed internal and external collaboration through innovative partnership programs
- Increased public visibility and communication with the IEEE Board of Directors and other stakeholders through new publications and channels

- Continued to foster grassroots projects and IEEE SIGHT (Special Interest Group on Humanitarian Technology) excellence
- Launched impactful global strategic programs and supported capacity-building efforts

Some specific examples of these advances include the five collaborative calls for proposals that HAC held in tandem with other IEEE entities in 2021 – 2022; the rapidly growing SIGHT community of individuals passionate about the application of humanitarian technology; a robust evaluation and risk monitoring process to support teams throughout the lifecycle of proposals and funded projects; regular, clear reporting to showcase the breadth and depth of HAC achievements; and the first two instances of the HAC Global Summit, an event that brought together world leaders and project implementers to discuss how technology can be advanced to address the grandest challenges. All in perfect synergy with the larger mission of IEEE.

One of the most inspiring people that I have met in the more than 20 years as an IEEE volunteer is Mr. Amarnath Raja, the founder of IEEE SIGHT. Raja passed away in 2022, but his significant contributions as Chair of the IEEE Humanitarian Ad Hoc Committee, Founder of IEEE SIGHT, and the numerous other IEEE leadership roles he has held will be remembered and appreciated for many years to come.

I'd like to include a heartfelt thanks to the IEEE Board of Directors and all the partners and leaders for the support and encouragement that allowed HAC to make such an impact during its 11 years of existence. I also recognize and applaud all the HAC|SIGHT volunteers and SIGHT members who are the heart of our programs. The successes in this report are only possible because of the tremendous investment of time, talent, and treasure you made and continue to make. Thank you!

Finally, I'd like to welcome SIGHT Chair Lwanga Herbert as the inaugural Chair of the 2023 Humanitarian Technologies Board. I can't wait to see how Lwanga and the HTB will continue building a better future for IEEE members and global communities through even more opportunities in 2023 and beyond.

### Thank you!

Sincerely,

*Sampathkumar Veeraraghavan*

### **Sampathkumar Veeraraghavan**

2021 – 2022 IEEE Humanitarian Activities  
Committee Chair

# About the IEEE Humanitarian Activities Committee

## Offering a Portfolio of Programs in the Humanitarian Technology Space

**Mission:** The IEEE Humanitarian Activities Committee (HAC) provides leadership as well as a suite of resources that inspire and enable IEEE volunteers around the world to carry out and support impactful humanitarian technology and sustainable development activities at the local level.

### HAC'S STRATEGIC AREAS OF FOCUS



#### RAISING AWARENESS

HAC increases understanding of the role of engineering and technology in sustainable development.



#### PROVIDING TRAINING

HAC provides educational resources and opportunities so that humanitarian technology participants can have a greater positive impact.



#### SUPPORTING HUMANITARIAN TECHNOLOGY AND SUSTAINABLE DEVELOPMENT ACTIVITIES

HAC awards funding for grassroots IEEE member projects that utilize technology to address local challenges.



#### BUILDING A SUSTAINABLE DEVELOPMENT COMMUNITY

HAC collaborates across and beyond IEEE to foster opportunities in sustainable development.

We invite you to read this report to learn more about the significant advancements of 2022 related to these four main areas of focus, as well as examples of the value offered to IEEE members and entities alike.

# KEY HAC HIGHLIGHTS FROM 2021 – 2022



HAC|SIGHT Projects received **557 project proposals from 52 countries and seven IEEE Regions**. Of those, 154 from 30 countries were awarded funding.



HAC|SIGHT Projects received the **2022 American Society of Association Executives (ASAE) Power of Associations Summit Award**, ASAE's highest honor for the association community, in the global development category.



HAC committees developed a **robust process** with supporting tools to further enable project monitoring and assessment, increasing impact and reducing execution risk.



As of 31 December 2022, there were **35,268 SIGHT members**, with membership growing by more than 50% in 2022.



**38 new SIGHT Groups** were formed, concluding 2022 with 218 SIGHT Groups established since 2012.



HAC collaborated and engaged with **more than 50 IEEE entities**. This led to the launch of new programs with IEEE Regions, Societies, and more.



HAC strengthened relationships with global organizations in the sustainable development space. In 2021, HAC organized its first side event at the annual **Multi-stakeholder Forum on Science, Technology and Innovation for the Sustainable Development Goals (STI Forum)** organized by the United Nations. HAC also held a panel at **The Global Sustainable Technology & Innovation Community (G-STIC) Conference**.



In 2022, HAC attended the **United Nations Conference of States Parties to the Convention on the Rights of Persons with Disabilities (COSP15)** and hosted its first side event to the conference.



HAC launched a major strategic program: the **IEEE HAC Global Summit**. Together, the 2021 and 2022 Global Summits attracted more than 700 registrants from over 50 countries.



HAC held **virtual and in-person workshops for IEEE members** from across the world to build capacity and offer personalized guidance on how to apply technology for sustainable development at the local level.



# Raising Awareness

## HAC increases understanding of the role of engineering and technology in sustainable development

Many IEEE activities focus on technical work, publications, standards, and more, but humanitarian technology and sustainable development are a crucial part of HAC's context. Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Poverty reduction, economic growth, and environmental sustainability are key aspects of sustainable development. The United Nations (UN) developed 17 Sustainable Development Goals (SDGs) to act as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. They also provide a framework for sustainable development

Because sustainable development needs implementation, engineers play a vital role. HAC works within and beyond IEEE to raise awareness of just how IEEE technologists can innovate and implement solutions to solve humanitarian issues in the sustainable development space.

### Representing IEEE and HAC at a United Nations Conference

In June of 2022, the HAC Chair attended the United Nations (UN) Conference of States Parties to the Convention on the Rights of Persons with Disabilities (COSP15) held at the UN headquarters in New York City. The conference's theme this year was "Building disability-inclusive and participatory societies in the COVID context and beyond." Earlier in the year, the IEEE Foundation awarded



HAC a US\$175,000 grant made possible thanks to a bequest from the Estate of Jon C. Taenzer. HAC used the funds to establish the IEEE HAC & SIGHT (now IEEE HTB & SIGHT) Taenzer Grant Program that will continue into 2024 that focuses on breakthroughs in aids for persons with disabilities or supporting engineers in low-resource countries. Attending COSP15 was an activity that HAC joined as part of the "discovery phase" of the program and allowed HAC to form important connections and gain ideas about shaping the program.

HAC also hosted the first-ever side event to COSP15, "Leveraging a Global Network of Technologists to Advance Assistive Technologies/Innovations in Serving Local Communities." The session covered an overview of IEEE, HAC, and ideas for engaging technologists in developing assistive technologies that are relevant in addressing the challenges faced by local communities of persons with disabilities. Attendees were invited to build their networks and discuss scaling their existing programs, piloting activities, and developing new approaches by collaborating with IEEE.

### IEEE HAC|SIGHT Projects Program Receives Award

An especially exciting milestone in 2022 was the recognition from the American Society of Association Executives (ASAE) in selecting the HAC|SIGHT Projects program to receive the "Power of A" Summit Award in its Global Development category. The "Power of A" Summit Awards are given to just six associations every year, and are ASAE's highest honor for associations that go above and beyond their everyday mission to undertake initiatives that benefit America and the world.





The global development category recognizes associations that have addressed global development in any of the following four areas: improving the world economy, advancing an industry or profession's global standing; collaborating to effect positive change in global systems and/or policies, and addressing critical societal needs internationally.



**Second Edition of the IEEE HAC Global Summit**

The IEEE HAC Global Summit is a strategic program that brings together world leaders to showcase collaborations and innovations in the sustainable development space happening through IEEE volunteers in communities all over the world. The second edition of the virtual event took place on 7 December 2022 and attracted 365 registrants. Speakers included 2022 IEEE President K. J. Ray Liu, 2022 IEEE President-Elect Dr. Saifur Rahman, and representatives from eight other IEEE programs.

**IEEE HAC Global Summit 2022**



**Hear what attendees had to say about IEEE HAC Global Summit Conference when asked, "What did you like most about the IEEE HAC Global Summit?"**

Seeing leaders from a variety of IEEE entities brainstorming the way forward and representatives from external partners in the sustainable development space.

The panel discussions with such eminent members sharing their thoughts and experiences were so useful, informative, and insightful.

I'm looking forward to having another opportunity to attend future HAC events.





# Providing Training

## HAC provides educational resources and opportunities so that humanitarian technology participants can have a greater positive impact

### HAC Offers an Online Curriculum

In 2020, HAC|SIGHT developed six free, online courses hosted on the IEEE Learning Network to equip participants with a basic understanding of humanitarian technology and sustainable development, and how these concepts are different from aid, charity, and disaster relief. They outline the need for holistic analysis of existing systems, instructs on the principles of community engagement, and covers the role of appropriate technology in sustainable development. Since then, 367 individuals have learned the material from the courses.

The curriculum includes:

1. Introduction to **Sustainable Development**
2. **Multidisciplinary Perspectives** in Humanitarian and Sustainable Development Activities
3. **Community Engagement** in Sustainable Development Projects
4. **Humanitarian Technology** for Sustainable Development
5. **Sustainable** Project Design
6. **Project Assessment**, Monitoring, and Evaluation

HAC knows that learning about these topics provides a strong foundation and better prepares participants to conduct a humanitarian technology activity or project.

### HAC Integrates Education into the Proposal Review and Funded Project Processes

In 2022, HAC received 172 project proposals from 24 countries. Every proposal team received specific recommendations from the HAC|SIGHT Projects reviewer team to help applicants develop stronger proposals in the future. Feedback included information to promote a better understanding of what makes a project a success, carefully considered suggestions on how to adjust project scope or objectives, and guidance on the appropriate approach to a specific sustainable development challenge that the applicant had identified. HAC is confident that the training and feedback offered will result in even stronger proposals in 2023.







HAC also trained the reviewers who evaluated all of the submitted proposals. This was especially valuable to the representatives of other IEEE entities who joined the review process for the collaborative calls for proposals and others volunteering for the first time.

### **HAC Training Workshops Around the World**

HAC educational materials on writing strong project proposals and implementing successful sustainable development projects reached hundreds of participants at over 30 events and capacity building workshops held throughout the course of the year. Sessions focused on how emerging technologies offer a transformative opportunity to address pressing global sustainable development challenges and provided HAC|SIGHT project case stories to highlight best practices and lessons learned.



The educational content “improved my leadership skills, enhanced my social project management tools, opened my vision of the world, and empowered my passion and vocation for [the] humanitarian application of technology.

– HAC|SIGHT ILN course participant

# Supporting Humanitarian Technology and Sustainable Development Activities

## HAC awards funding for grassroots IEEE member projects that utilize technology to address local challenges

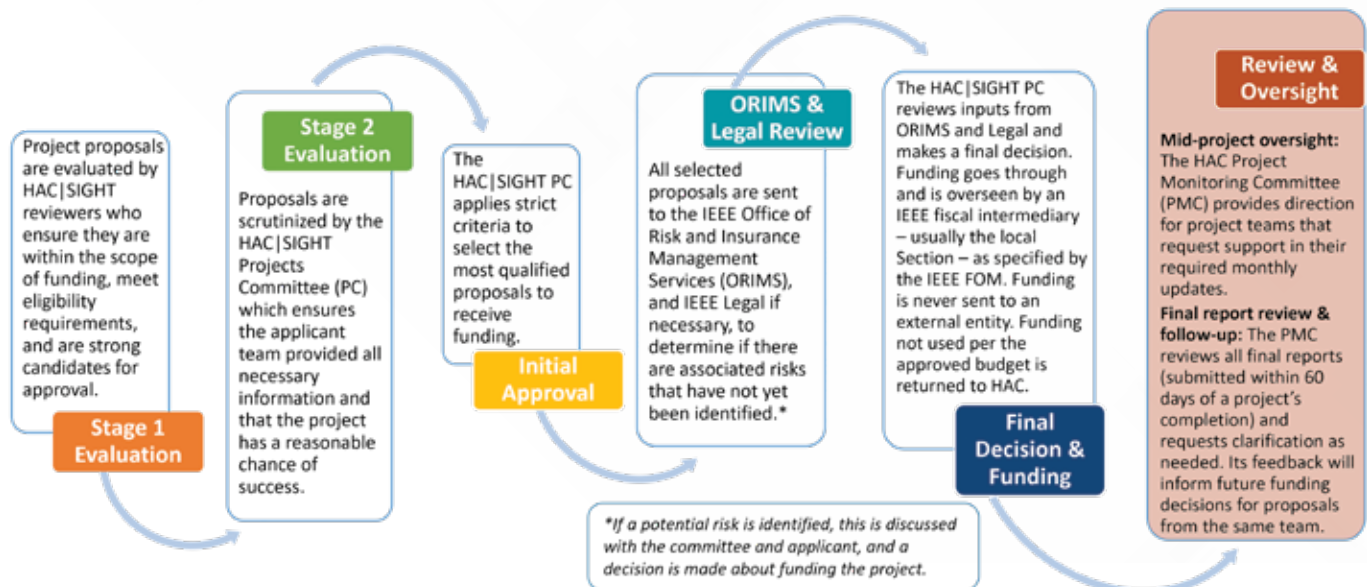
“Humanitarian technology” or “humanitarian engineering” is the idea of applying an engineering approach to improving the well-being of marginalized people and disadvantaged communities. IEEE members are well-positioned to identify sustainable development challenges and can utilize the engineering approach and their technical skills to address them — they just need the resources to do so. The HAC Projects program can help members accomplish the IEEE mission of “advancing technology for the benefit of humanity” by providing funding and support for grassroots sustainable development projects.

### A Systematic Process to Reduce Risk and Increase Impact

HAC has been working to meet the demand among IEEE members for humanitarian technology activities and address the tremendous global need for sustainable development efforts since its formation in 2016. However, the way that the HAC Projects

program was previously structured permitted only a small number of volunteers to get involved. From 2020 – 2022, HAC and its Projects Committee enacted strategic changes to make the program relevant to more members, lowered barriers to member engagement, expedited proposal review, decreased risk, increased the likelihood of proposal success, increased project success and impact, allowed for better understanding and evaluation of the desired and actual outputs and outcomes of funded projects; and encouraged further professional development.

The HAC project management process starts with all proposals submitted to HAC for funding, and follows the projects awarded funding throughout their entire lifecycle until they conclude implementation and submit a final report. The incorporation of a new platform to capture aggregate data and institutional knowledge now allows for more informed strategic decision making.





## IEEE HAC|SIGHT Projects Call for Proposals Focused on Pressing Community Needs

The positive results of the HAC Projects process changes, and growing interest of IEEE members to get involved with humanitarian technology activities, were quickly evident. In 2020, the two HAC|SIGHT Projects calls for proposals received 229 proposals. An additional two calls held in 2021 received 385 proposals, setting an all-time record high for HAC. There was an increase in geographic diversity of proposals received and projects funded, with the program emerging as a significant member benefit and source of engagement particularly in Africa, Latin America, and Southeast Asia.

In 2022, HAC|SIGHT offered one call for proposals to support IEEE member grassroots projects that utilized technology to address pressing needs of the members' local communities. The call received 144 proposals submitted from 19 countries and five IEEE Regions with 43 projects awarded funding.

## Collaborative Calls for Proposals across IEEE

Throughout 2022, HAC fostered stronger collaboration with IEEE entities to utilize combined resources to engage with IEEE members and offer multiple opportunities to apply for funding used to address local sustainable development challenges.

### Call with the IEEE Antennas and Propagation Society (AP-S)

From 2020 – 2022 AP-S contributed US\$50,000 to the IEEE SIGHT Fund of the IEEE Foundation to collaborate with HAC by conducting a special call for proposals. The call solicited proposals from AP-S Chapters that utilize AP-S-relevant technology to address local community challenges. Fourteen proposals were received from applicants in five different countries and 10 projects were selected to receive funding (nearly US\$37,000 awarded in total) for implementation.



### Call with IEEE Region 8 (R8)

IEEE Region 8 and HAC hosted a collaborative call for proposals to support SIGHT Groups in the region to implement community intervention projects that address local community challenges using technology. Proposed projects were required to have a sustainability plan, demonstrate community buy-in, and be cost-effective, environmentally sustainable, trust-enhancing, relevant to users and the community, and accessible. Of the five proposals submitted, three were selected to receive funding.



### Call with the IEEE Signal Processing Society (SPS)

The IEEE Signal Processing Society (SPS) and HAC held a call for proposals to support SPS Chapter projects that utilize signal processing technologies to address local community challenges. Awards were made to six selected projects that presented a convincing plan to a) understand the real needs of a local community or local stakeholder organization and b) complete in no more than six months' time a project utilizing signal processing technologies to address those local community challenges.



A collaborative effort between IEEE SPS and IEEE HAC was a fantastic initiative. We received enthusiastic responses from our members for utilizing their skill in signal processing technologies to address local community challenges...

– Dr. Shaikh Fattah, 2022 Signal Processing Society Humanitarian Activity Subcommittee

# Building a Sustainable Development Community

## HAC collaborates across and beyond IEEE to foster opportunities in sustainable development

HAC works to spread the power of technology, people to people, not in a vacuum, but tying back to a global IEEE community, where ideas can be exchanged, lessons learned, and solutions advanced.

### Collaborations Across and Beyond IEEE

HAC's experience and expertise in managing grassroots member projects, collecting impact data, and innovating program development helps both IEEE members and organizational units to increase the impact of their humanitarian technology activities, effectively contributing to the overall IEEE mission.

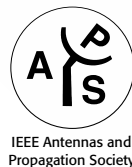
As previously mentioned in this report, HAC engaged with IEEE Regions and Societies to strategically nurture grassroots humanitarian technology volunteer efforts and utilize best-in-class technology to address sustainable development challenges. Efforts resulted in collaborative calls for project proposals and other member engagement initiatives.

Partnerships and collaborations extended throughout and beyond IEEE. Thank you to all!



2022 was another year of strong and successful partnership between EDS and HAC. We will continue to pursue joint projects in 2023 with increased connection across the thousands of volunteers that EDS/HAC have around the globe.

– Dr. Fernando Guarin, 2022 Electron Devices Society Sr. Past President





## IEEE SIGHT

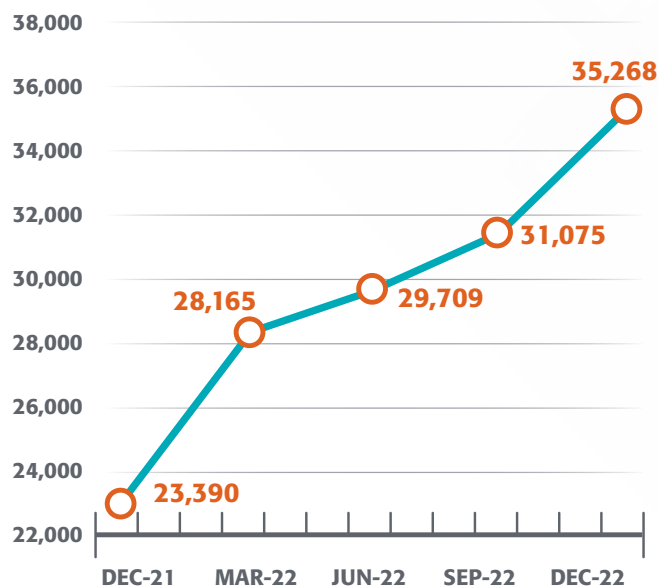
The IEEE Special Interest Group on Humanitarian Technology (SIGHT) is a subcommittee of HAC and a global network of more than 35,000 members who have the opportunity to learn about the program and gain ideas for their own activities. IEEE Members and non-members alike may join SIGHT, which HAC considers to be one of the first steps to getting involved with humanitarian technology activities within IEEE.

SIGHT members can be found all over the world in 130 countries, and approximately 63% of them are university students and graduate students. Total SIGHT membership increased by over 50% in 2022. SIGHT has steadily added more new members each year since the individual membership was established in 2016, indicating a growing interest among IEEE members to learn more about how technological skills can meet humanitarian needs and have a meaningful impact on sustainable development challenges. Many times, those who participate in SIGHT activities find it to be a rewarding experience that allows for gaining hands-on knowledge, improving technical skills, networking, and making positive change in the local community.

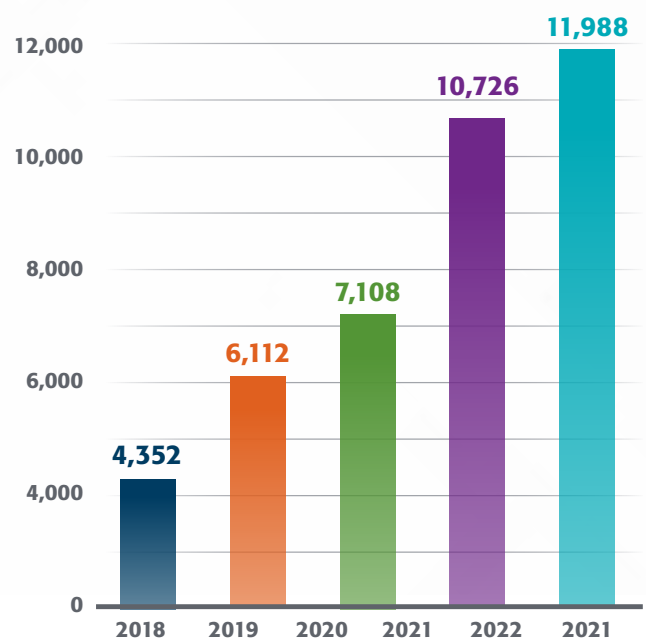


**HAC|SIGHT recognize and appreciate the work and leadership of IEEE SIGHT founder, Mr. Amarnath Raja,** who passed away in 2022. His presence will be missed, but the significant contributions he made to humanitarian technology programs at IEEE serve as a lasting, inspiring legacy.

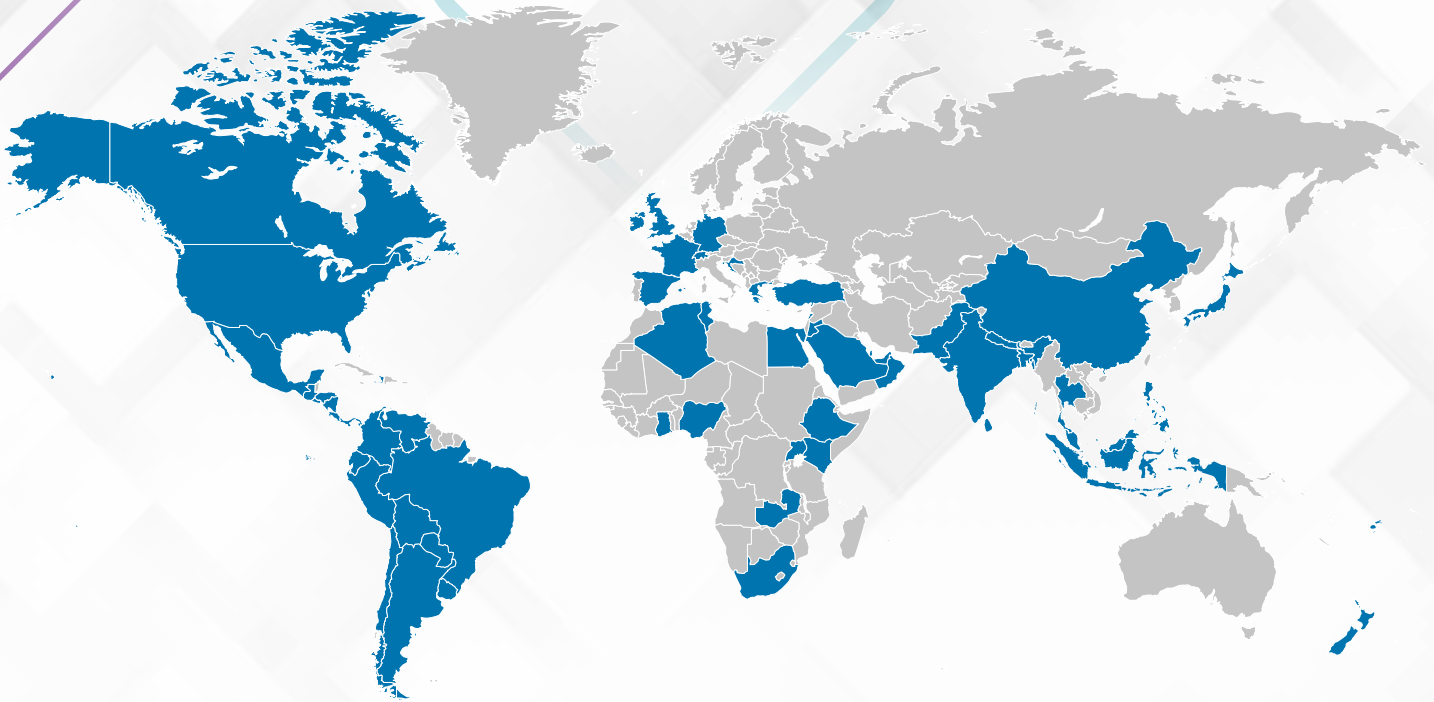
**SIGHT Membership Growth  
Year over Year (2021 – 2022)**



**New SIGHT Membership by Year**



## COUNTRIES WHERE IEEE SIGHT GROUPS HAVE BEEN ESTABLISHED



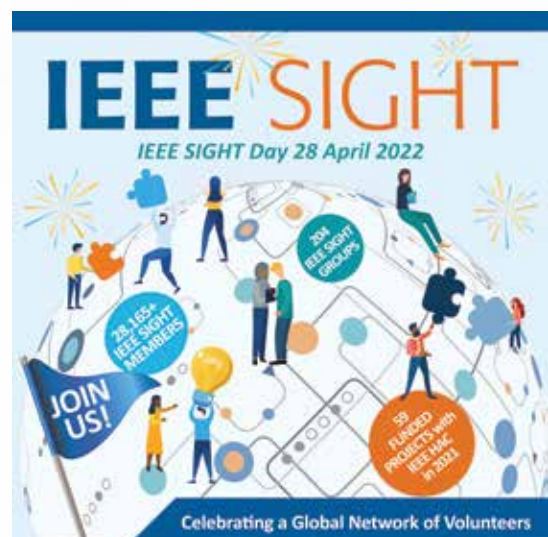
There are also 218 SIGHT Groups in 58 countries that partner with underserved communities and local organizations to leverage technology for sustainable development. SIGHT Groups are entities composed of at least six IEEE members who come together to learn about sustainable development, build relationships within their local communities, and implement projects that utilize technology to tackle key challenges their community is facing.

### IEEE SIGHT Day

IEEE SIGHT Day is held to foster a spirit of community for the global SIGHT network, increase awareness of SIGHT, promote the opportunity to support SIGHT financially, and celebrate the impact SIGHT volunteers and Groups are making. SIGHT Day activities in 2022 took place from April 25 through May 3 and included:

- An opening session with 2022 IEEE President Ray Liu, 2022 HAC Chair Mr. Sampathkumar Veeraraghavan, and 2022 SIGHT Chair Mr. Lwanga Herbert
- Three SIGHT Group Socials for IEEE SIGHT Group leaders and members to network and interact with other representatives from around the world

- The 2021 SIGHT Awards presentation ceremony
- Joint sessions with IEEE programs that have resources that could benefit SIGHT members and Groups: IEEE Young Professionals, IEEE Women in Engineering, and IEEE TryEngineering and the Pre-University STEM portal



SIGHT Groups around the world also held activities to celebrate. There were participants in all 10 IEEE Regions.



## IEEE SIGHT Awards – 2022 Recipients

The IEEE SIGHT Volunteer of the Year and the IEEE SIGHT Group of the Year Awards were established by the IEEE SIGHT Steering Committee (SSC) in 2019 to recognize individuals and SIGHT Groups that have made outstanding contributions to IEEE SIGHT and their local communities.

The 2022 IEEE SIGHT Volunteer of the Year was Dr. Jawad Y. Siddiqui. Dr. Siddiqui was selected to receive this award due to his outstanding contributions to IEEE SIGHT, his leadership in furthering the collaboration between HAC, SIGHT, and the IEEE Antennas and Propagation Society (AP-S) to provide new humanitarian technology opportunities for IEEE members, and his dedication to serving his local community. Dr. Siddiqui was the founding Chair of a SIGHT Group in the IEEE Kolkata Section in 2016 and now serves as the Chair of the IEEE Antennas and Propagation Society (AP-S) SIGHT Committee.



Dr. Darwin Jose Raju was selected as an honorable mention of the 2022 SIGHT Volunteer of the Year Award for his meaningful contributions in the last several years to IEEE SIGHT and his dedication to furthering humanitarian technology activities at IEEE and the SIGHT mission.

*The recipient of the 2022 SIGHT Group of the Year Award was still to be determined as of the publication of this report.*

# IEEE Foundation

## The IEEE SIGHT Fund of the IEEE Foundation

The IEEE Foundation, the philanthropic partner of IEEE, inspires an engaged community and leverages the generosity of donors to enable IEEE programs that enhance technology access, literacy, and education and supports the IEEE professional community. The SIGHT Fund of the IEEE Foundation was established in 2019 to support the humanitarian and sustainable development projects that SIGHT volunteers undertake in their local communities.

Donations to the SIGHT Fund help support the IEEE sustainable development leaders of the future and incubate projects that further IEEE's mission of advancing technology for the benefit of humanity in communities around the globe. The fund also provides a mechanism to facilitate HAC and IEEE entity joint funding programs, such as the call for proposals with the IEEE Antennas and Propagation Society (AP-S) previously mentioned.

HAC and SIGHT would like to express sincere gratitude to each and every one of the 2022 SIGHT Fund donors. Your generous support makes a meaningful difference as volunteers strive to make an impact in their local communities. Those interested in financially supporting SIGHT's impactful work are invited to make a donation of any amount to the IEEE SIGHT Fund of the IEEE Foundation: [www.ieeefoundation.org/impact/illuminate/ieee-sight](http://www.ieeefoundation.org/impact/illuminate/ieee-sight).



I am largely benefitted by serving as a SIGHT volunteer, which gave me a sense of belonging in the outreach and underserved community and also a sense of purpose in life.

– IEEE SIGHT Group Chair

# Transition to the IEEE Humanitarian Technologies Board

In November of 2022, the IEEE Board of Directors approved to elevate HAC to the IEEE Humanitarian Technologies Board (HTB).

The elevation of HAC to the board level is cause for celebration, because the increased visibility and resources are commensurate with the growing numbers of SIGHT membership, project proposals, funded teams, and the 30% of all active IEEE members (and 60% of active IEEE student members) who indicate an interest in humanitarian programs at IEEE when they join the association or renew their annual membership. It also demonstrates the support of IEEE leaders, who have provided the structure to expand upon the significant achievements of HAC in its 11 years as an ad hoc committee and “standing” committee of the IEEE Board of Directors. Humanitarian activities are important to IEEE members and will be a part of IEEE’s identity for years to come.

## THE VISION OF HTB:

IEEE volunteers around the world carrying out and supporting impactful humanitarian technology activities at the local level.



HAC was instrumental to realize projects in Region 8 that advance IEEE’s mission. Our joint call allowed us to focus on the objectives and to provide the volunteers in the Region with the right tools to bring their ideas to life.

– **Dr. Antonio Luque, 2021 – 2022  
IEEE Region 8 Director**







## THE NEWLY APPROVED MISSION OF HTB:

To support impactful and ethically informed volunteer-led initiatives, programs and projects, and mutually beneficial partnerships, as well as to inform policy formulation that harness technology and innovation to address societal challenges (including disaster recovery) in a responsive, effective, and sustainable way.

HTB will be building upon the solid foundation that HAC has provided and will benefit from an expanded membership with representatives from the Member and Geographic Activities (MGA) Board, Technical Activities Board, Educational Activities Board, Standards Association Board, and IEEE Young Professionals. HTB will provide oversight and support to programs across the institution doing similar work, allowing for programs to unite efforts, share best practices, and better coordinate the entire story of humanitarian technology at IEEE.

Many programs that were administered by HAC will continue to exist under the new auspices of HTB, such as IEEE SIGHT, projects, events, education, and others. In 2023, HTB will continue to develop, coordinate, and carry out programs that increase value to IEEE and its members through humanitarian technology activities. HTB will reach within and beyond IEEE and make meaningful contributions to the greater sustainable development community.

# OPPORTUNITIES TO GET INVOLVED WITH HTB

- Identify potential opportunities for collaboration and joint programs
- Publicize HTB opportunities, such as the calls for proposals
- Serve on an HTB committee in 2023
- Add free SIGHT membership to your IEEE membership
- Form a SIGHT Group to assess needs in your local community, apply for financial resources, and implement a sustainable technological solution
- Take part in the free, online courses on the IEEE Learning Network (ILN) to learn about humanitarian technology and sustainable development topics
- Read and share this report and the 2023 HTB Quarterly Reports
- Make a donation to the IEEE SIGHT Fund of the IEEE Foundation: [www.ieeefoundation.org/impact/illuminate/ieee-sight](http://www.ieeefoundation.org/impact/illuminate/ieee-sight)

## CONTACT INFORMATION

Write to us at  
**[htb-office@ieee.org](mailto:htb-office@ieee.org)** with your  
**ideas for collaboration!**  
**[htb.ieee.org](http://htb.ieee.org)**



Thank you IEEE for all the volunteer opportunities given for me to grow, mature, and have new leadership experiences!

– IEEE HAC Global Summit attendee





# The 2022 IEEE Humanitarian Activities Committee, Board Coordinator, and Staff Support

## COMMITTEE MEMBERS

**Sampathkumar Veeraraghavan**  
Chair, IEEE HAC

**Kartik Kulkarni**  
Immediate Past Chair, IEEE HAC

**Simay Akar**  
Chair, Communications Committee

**Mei Lin Fung**  
Chair, Assessment Committee

**Lwanga Herbert,**  
Chair, IEEE SIGHT

**Jayakrishnan MC**  
Chair, Events Committee

**Karen Panetta**  
Chair, Projects Committee

**Paul Kostek**  
Chair, Education Committee

**Pritpal Singh**  
Chair, Strategic Partnerships Committee

**Lucia Pia Torres**  
Chair, Project Monitoring Committee

**Rabab Kreidieh Ward**  
Chair, Education Committee

**Ajay Poddar**  
Chair, Society and Industry  
Partnerships Committee  
(non-voting corresponding member  
appointed by HAC Chair)

## BOARD OF DIRECTORS COORDINATOR

**Paul Cunningham**  
IEEE Director, Division VI

## STAFF SUPPORT

**Marc Beebe**  
Senior Director, Strategic Research, Public Imperatives,  
& Corporate Development

**Holly Schneider Brown**  
Director, Public Imperatives & Corporate Development

**Julianna Pichardo**  
Program Specialist, Humanitarian Activities &  
Sustainable Development

**Betsy Toland**  
Finance & Operations Administrator, Corporate  
Development

**Khanyisile Baloyi**  
Program Specialist, Humanitarian Activities &  
Sustainable Development



Humanitarian Activities  
Committee



## Humanitarian Activities Committee

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