IHA Board Election

2019 - 2021

Candidate profiles
# 2019 IHA Board election: candidates’ profiles

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CANTIN, Ms Christine

Senior Advisor, Relations Outside Québec
Hydro-Québec

Region: North and Central America

I have worked for more than 20 years in the energy sector. For the past 15 years I have been involved in the hydropower sector for Hydro-Québec.

Hydro-Québec has generated, transmitted and distributed electricity for over a century. It is a world leader in the field of hydroelectricity and has a total installed capacity of 37,310 MW. It provides clean, renewable and reliable supply of electricity to all Quebecers and sells power on the wholesale markets in the northeastern North America.

I have been involved with IHA activities since 2009 and as a board member since May 2016. As a board member, my objective is to continue promoting the recognition of hydroelectricity as a clean, renewable energy source, and to actively participate in the different initiatives such as sharing Hydro-Québec’s best practices and expertise, as for example with the G-res tool and our involvement in the assessment of the Climate Resilience Guidelines.

I will also pursue the work to bring closer the Francophone hydropower community with the Association, share our knowledge and identify practical solutions to challenges that the members might face in their countries regarding sustainable hydropower development.

Finally, I would like to keep contributing to encourage the diversity such as requesting the promotion of the Women in Hydropower Program.

Christine’s biography can be found here:
https://www.hydropower.org/christine-cantin
CHU, Ms Tammy
Managing Director, Entura
Hydro Tasmania
Region: East Asia and Pacific (Asia Two)

My name is Tammy Chu and I am the Managing Director of Entura, which is the international consulting business within the Hydro Tasmania group. I am currently a board member of the IHA and have served two terms. I am also a Fellow of IHA.

My background is in hydropower engineering and I have worked for the Hydro Tasmania group since 2000. Hydro Tasmania is Australia’s largest generator of renewable energy and Australia’s largest water manager. Entura is one of Australia’s most experienced energy and water consultants, contributing to the development, operation and maintenance of energy and water projects around the world.

As an IHA board member, I have and will continue to:

- be passionate and promote sustainable hydropower for a better world;
- champion the long and active role of Hydro Tasmania in supporting and advancing key IHA initiatives;
- bring diverse and first hand understanding of hydropower challenges and opportunities in the Asia and Pacific region;
- have strong linkages and networks in key regions of potential IHA growth, notably India, China, southeast Asia, the Himalayas and the Pacific;
- generate ideas on building IHA membership by attracting businesses that deliver hydropower services; and
- create capacity building in the energy and water sectors.

Tammy’s biography can be found here:
The IHA must build on its foundation as the representative body of world hydropower. In an era of unprecedented change for the IHA and the global hydropower sector, the Association must continue to adapt, extend its influence, and serve the evolving needs of our industry and society. The IHA needs strong governance by leaders from the international hydropower sector who understand the major issues and how to deal with them. I believe that my credentials meet these requirements.

My company Brookfield Renewable is a leading global manager and developer of renewable energy assets, with 218 operating hydropower plants and three pumped-storage facilities in Brazil, Canada, Colombia, the UK, and the USA. As a Director of the IHA since 2009 and currently a Vice-president and Chair of the Governance and Finance Committee, I have a thorough knowledge of IHA and the issues of our sector. Over nearly 40 years I have held many management, executive, and governance positions in the power industry and I have also served in leadership roles with numerous other entities (please refer to my profile at https://www.hydropower.org/colin-clark).

It would be my privilege to continue to apply my experience and qualifications as a member of the Board of the IHA.
DESCLÉE DE MAREDSOUS, Mr Thibault
Chief Marketing Officer
GE Renewable Energy
Region: Europe

For 15 years, I have been deeply involved in renewable energy, in various Communications, Marketing and Strategy leadership roles. My goal has always been to support the development of sustainable energy sources and contribute to shaping a better world for the generations to come.

As the Chief Marketing Officer of GE Renewable Energy, I often participate in conferences where I advocate or Hydropower. One of my main priorities is to ensure that Hydropower is positioned as the best enabler for higher integration of sustainable energy sources while being a great source of base load electricity at a competitive cost.

For the past year, I have participated to the IHA Board activities as an interim member and chaired the Congress Committee. This was the opportunity for me to get more acquainted with the IHA teams and witness the association’s unique advocacy & thought leadership capabilities.

I am applying to be a member of the IHA board to share with its members GE Renewable Energy’s full commitment to hydropower and bring to the table my broader renewables experience. I wish to contribute to the amplification of the multiple services that Hydropower brings and the new ones it can develop through digital technologies for example.
ENGEBRETHSEN, Mr Tron
Senior Vice President, International Hydro
Statkraft AS

Region: Europe

I have considerable competence from leading the Operation, Maintenance and Construction Unit for Northern Europe in Statkraft for 17 years. After that I was EVP in SNPower on operations and Market for 3 years and now leading Statkraft’s International Asset Management unit and I also have the responsibility for Albania, which includes the Asset Ownership of the 470 M€ construction of hydroelectric powerplants in Banja and Moglice.

I have special interest in developing Sediment Management, E&S aspects and Stakeholder Management apart from anything considering relicencing of older hydroelectric powerplants.

Working in the largest hydro-company in Europe and at the same time trying to find new opportunities in South America, Turkey and India, I think I also can contribute to the development IHA into the new RES era, where Market Considerations, System needs and intermittency is a bigger part of the picture.
GILL, Mr Roger
Non-Executive Director
Pacific Hydro

Region: East Asia and Pacific (Asia Two)

I am a passionate advocate for hydropower to support the world’s transition to a low carbon economy. There is still much to do to communicate the benefits of sustainably developed hydropower or the contribution of low impact pumped hydro to support the increased supply from wind and solar. IHA has a unique global opportunity to promote international good practice, strengthen global connections across the industry and collaborate with energy, water and policy setting stakeholders in all regions of the world.

I have over 40 years’ experience in the hydropower, infrastructure, energy and water sectors and have contributed to IHA’s work over the past 20 years. I am actively involved in hydropower development and operations in several regions of the world as an independent renewable energy consultant and as a company director in renewable energy businesses owned by SPIC of China – most recently in South America, Central Asia and Australia.

If I am re-elected, with your support I will be a candidate for the role of President, aiming to continue the great work done to date and to further expand the influence and contribution of IHA in addressing the world’s energy challenges.

Roger’s biography can be found here: https://www.hydropower.org/roger-gill-o
HOFMANN, Mr Frédéric

Vice-President in charge of Development – EDF Hydro

EDF Hydro

Region: Europe

EDF is a platinum member of the IHA and has been a member of the association from the onset. The company is among the largest electrical utilities in the world and a major hydropower operator in Europe (21 GW installed capacity). Over the past decades EDF has promoted the development of sustainable hydropower. Therefore, EDF Hydro operates its assets and develops new projects in line with the sustainability principles and the IFC’s performance standards. One of our major recent achievements is the ambitious resettlement implementation program of Nam Theun 2 plant in Laos (1070 MW) that was completed in 2018 under my mandate as a CEO of Nam Theun 2 Power Company Ltd.

EDF has been a proactive board member of IHA by collaborating to most of the working groups and contributing to IHA’s major achievement: EDF hydro used successfully the sustainability assessment on Romanche-Gavet modernisation project in 2013, tested recently the ESG tool of one of its international projects and worked actively in the completion of the G-Res tool.

As EDF’s Vice-President in charge of development since September 2018, I can confirm that EDF will pursue its commitment to IHA in the future. Based on more than 15 years of personal experience in the hydropower sector, I would be delighted to serve IHA as a board member.
JOHNSON, Mr Herbie

General Manager, Hydro
Southern Company

Region: North and Central America

I have 25 years of experience in the hydroelectric industry. As General Manager for Southern Company’s hydroelectric assets, my passion is preservation of the 32 plants and 2,600 MWs of hydroelectric generation. The future of our hydroelectric fleet depends upon knowledgeable consultants and quality suppliers in the global market place.

As solar and micro-grids penetrated our market at Southern Company, I integrated the monitoring and maintenance of these assets into our Hydro organisation. This has provided me with a unique view of the importance that Hydro can serve in the successful implementation of new renewable technologies and the market dynamics of these resources.

For the past twenty years, I have been an active participant in the National Hydro Association. I served on the Board and was recently President and Chairman of the Board. I have a great understanding of the importance of membership, value added services and governance.

These experiences provide me with the unique talent to give back to the hydroelectric industry by supporting the IHA in a Board position.
KHAN, Mr Kaleem Ullah
Station Manager
Laraib Energy Limited

Region: South and Central Asia (Asia One)

I have 24 years of diversified experience of Operations and Maintenance (O&M) in various industries including the Hydropower Sector. I am currently managing the O&M of Laraib Energy’s 84 MW Hydropower plant.

My experience includes but is not limited to development of Key Performance Indicators, management of O&M budget, inventory management, O&M optimisation as per global best practices, execution and implementation of Technical Services Agreements, acquisition of O&M of 84 MW Laraib Hydropower plant, representation of Laraib Energy Limited at international forums and exploration of business development opportunities within the hydropower sector of Pakistan.

Bringing my diverse experiences, I see IHA as a forum accessible to all the parties interested in developing hydro related plants anywhere in the world. This could be done by engaging with various stakeholders such as government policy makers who can guide the developers towards IHA. Moreover, IHA could provide access to Green Climate Fund or similar funds to motivate the developers to reduce Greenhouse Gas Emissions.

IHA could be utilised as a platform for advising the formulation of international standards related to water and energy services, not limited to hydro, but promoting hybridisation of hydro and other renewable energy resources.
MACHAVA, Mr Moisés
Executive Director
Hidroelétrica De Cahora Bassa
Region: Africa

Moisés Machava is an executive director of Hidroeléctrica de Cahora Bassa (HCB) company based in Mozambique. His portfolio is the technical field which covers hydropower generation and support services areas. Prior to this, he was the engineering and maintenance department manager at the same company, in which he has been employed since 1995.

I would join IHA efforts of promoting the development of the hydropower potential in multidimensional and optimized perspective that meet the triple frame pillars: social, sustainability and economical. I would focus on hydropower capacity building, skills and technologies transfer and improvement of performance in this field. Today’s world is facing problems caused by climate changes and the use of non-clean generation, therefore, IHA shall continue to push for use of a balanced clean power generation sources. We wouldn’t be only providing a clean power but also giving valuable contribution to the climate and world sustainability. Special attention should be given from small to large power plants, micro grid and interconnected transmission lines.

One of the strategic objectives of IHA is to “advance policies and strategies that strengthen the sector performance” and another is to “deliver value to all members throughout the world”.

IHA should become proactive in the standardization of KPIs and should establish a KPI database and provide Hydropower Performance Benchmarking.
I have been working in the Brazilian electricity sector since 1994 and for ENGIE Brasil since 1996, where I am currently responsible for strategy, communications and corporate social responsibility in Brazil. ENGIE is one of the largest energy and services companies in the world, and in Brazil controls over 12,000 MW of installed capacity in 30 power plants of all sources (mainly big HPPs), what makes the company the largest private electricity producer of the country, with around 7 per cent of the installed capacity. ENGIE has built a reputation of allying professionalism, profitability and social responsibility in implementing and operating big hydro power plants in the country.

I have actively participated in the development and implementation of numerous hydropower plants, including Serra da Mesa (1,275 MW), Itá (1,450 MW), Machadinho (1,140 MW), Cana Brava (450 MW), São Salvador (243 MW), Estreito (1.087 MW) and Jirau (3,750 MW). I have also participated in the development of the Tapajós HPP (6,133 MW).

I am an IHA Board member since October 2009 and subsequently elected Vice-President in 2013.

I am currently dedicated to the implementation of a series of measures to stimulate the development and implementation of mid-size HPPs in Brazil.

My proposal is to engage more the Brazilian Members in the IHA working program.
OLIVIER, Mr Anton-Louis

CEO
Renewable Energy Holdings (Pty) Ltd

Region: Africa

Anton-Louis Olivier is founder and CEO of the REH Group of companies, a developer owner and operator of hydro power plants in Southern Africa. He was awarded the International Hydropower Association’s (IHA) Mosonyi Award for Excellence in Hydropower and was made an Honorary Life Member and Fellow of the IHA (2018).

My professional experience in the renewable energy sector for the last 23 years includes working in government, multilateral (UNEP) and the private sector across a number of countries. I also have corporate governance and board experience across a number of sectors including private sector companies, not-for-profit organisations and industry associations. As a Board Member I will be able to make a unique contribution to IHA in the following aspects:

- Commercial and independent power plant (IPP) development, financing and operations;
- Hydropower development in Southern and Eastern Africa.

Vision for IHA:

- IHA should take the lead in defining the new role of hydro in an uncertain energy future subject to the increasing influence of solar and wind power as well as large-scale battery storage;
- IHA needs to support the growth of the hydropower sector across Africa, where the utilisation of hydropower is still far below its potential;
- Raising the profile of hydropower as an integral part of the sustainable energy future in Africa.

Anton-Louis’s biography can be found here: http://www.rehgroup.co.za/about/our-team/anton-louis-olivier/
SÁNCHEZ TILLERÍA,  
Mr José Maria  
Technical Director  
Itaipu Binacional  
Region: South America

Itaipu Binacional recognizes IHA as the leading voice of sustainable hydropower in the international arena, becoming an IHA member since 2006, having a representative elected to the Board since 2007 and, since 2009, being a member at the highest membership category.

Itaipu has been an active participant, developing and implementing the Hydropower Sustainability Assessment Protocol (HSAP) and giving operational support, since 2010, to the IHA South America Regional Office, IHA’s base in the region to help achieving its goals.

Itaipu has sponsored IHA World Hydropower Congresses in 2011, 2015 and 2017 and has become a strategic partner for the 2019 WHC.

My intention, as a candidate to the Board, is to broaden the support to IHA activities inside the company and in the region by:

- Broadening the knowledge of the IHA work programme in South America;
- Keeping the support to the HSAP implementation process;
- Conducting a structured campaign to make the HSAP known in all South American countries;
- Widening IHA membership in the region, mainly on Spanish speaking countries of the continent;
- Keeping the support to the South American Regional Office and expanding its network in Spanish speaking countries.

As a former Board member, it would be a privilege for me to return with my service and contribution as part of the Board of the IHA.
I would like to promote the sustainable hydropower development in the world through myself, my team and my global human resources network. Based on my inter-dispelling knowledge and 30 years’ professional experience globally, my contribution might be:

- To help the IHA member institutions or individuals to conduct the scientific research, policies innovation, education, capacity building and consultancy specially in dam induced displacement and resettlement, social impacts assessment and management, indigenous people, culture heritage, community impacts and livelihoods, participation and consultation, stakeholder engagement etc.

- To engage global, regional and national activities of capacity building in ESIA, ESMP, RAP, IDP/EMDP, SM&E in hydropower sector and/or projects especially for developing countries;

- To promote the development of more high education programs in bachelor, master and Ph.D. in resettlement management, sociology, demography, resources management, public administration etc. and promote more academic and professionals from universities, research institutions and NPOs/NGOs to support the sustainable hydropower development

- To enhance the partnership among IHA and other international organisations such as INDR (International Network on Displacement and Resettlement), NSHD (Network on Sustainable Hydropower Development) – Mekong, Lanchang-Mekong Mechanism (LMM), Network of Excellency Center of Management of Land Acquisition, Resettlement and Rehabilitation (NECMLARR), ICOLD, SfAA and IWRA etc.

- To enhance the partnership between IHA and hydropower agencies, industries and social society in the developing countries.
SUHAILI, Mr Sharbini
Group Chief Executive Officer
Sarawak Energy Berhad

Region: East Asia and Pacific (Asia Two)

Sarawak Energy is a strong advocate of sustainable hydropower development and the IHA in the East Asia and Pacific (Asia Two) region. We are also proud to be an early adopter of the HSAP, which is now a core element of our hydropower development system.

If elected, I pledge to continue to build on this foundation to promote hydropower and the IHA to local, regional and global stakeholders and counterparts.

In particular, I would like to see IHA build an even stronger and more visible presence in the East Asia and Pacific (Asia Two) region, especially in South East Asia, to support more frequent interactions to bring together hydropower developers, generators and policy makers to showcase the benefits of sustainable hydropower in the region.

The combination of Sarawak Energy’s humble local beginnings a hundred years ago, deep respect for the needs of local governments and communities and the sustainability and reputation challenges that we have managed in developing our hydropower resources over the last 40 years give us a unique perspective of the IHA’s agenda.

Personally, my 30 years of experience in the energy industry including heading the international operations of a multi-national in 25 countries has also given me a broad perspective of the challenges of our industry and how to maximise our role in the changing energy landscape.
SVEINSSON, Dr Óli Grétar Blöndal

Executive Vice President Research and Development
Landsvirkjun
Region: Europe

Iceland is 100% renewable both in electricity and heat. Iceland has the highest power generation in the world per capita with about 80% going to power intensive industries. The electricity generation is 73% from hydropower and 27% from geothermal power and at present wind power is starting to gain foothold.

Landsvirkjun is the national power company of Iceland. We are a hydro dominated company that has been actively constructing and operating hydropower plants over the last 50 years.

Landsvirkjun is a sustainability partner and has been actively involved in the making of the Hydropower Sustainability Assessment Protocol. Landsvirkjun received the IHA Blue Planet Prize in 2017 for the Blanda hydropower project.

I have worked for Landsvirkjun since 2004, and from the year 2010 as EVP of R&D. The R&D division manages investigations and preparations of new renewable power projects, increases flexibility and introduces innovation in energy production.

I would like to continue the participation of Landsvirkjun in the already successful work of IHA, which is benefitting the global hydropower industry. As a member of the IHA Board I would continue to work actively with the relevant stakeholders on increased consensus on the sustainability of hydropower development and on pointing out the synergies between hydro and other renewables. In today’s environment, where clean energy is highly regarded, hydropower is the enabler to achieve 100% renewability.
TIKHONOV, Mr Evgeniy
Strategy and Development Director
EuroSibEnergo JSC
Region: South and Central Asia (Asia One)

I have significant experience in the power industry since 2004 and in hydropower since 2010. I was involved in several hydropower development projects with total installed capacity more than 10 GW. Currently I am supervising several HPPs modernisation projects on the HPPs with total installed capacity of 15 GW.

I also led joint comprehensive research with World Wildlife Fund of Russia on the impact of prospective hydropower plants on the ecosystem and the socio-economic development of the region identifying the most environmentally friendly new dam locations (Russia’s Far East).

Besides that I guided pilot research on GHG measurement on HPP’s reservoirs in Russia including field measurements to approve lower carbon footprint of hydropower.

Also I managed fulfilment of the partial unofficial in-house assessment in accordance with The Hydropower Sustainability Assessment Protocol on more than 3 HPPs.

I participated in COP 23 and 24 events promoting lower carbon and sustainable hydropower.

Being the IHA Board Member 2017-2019 I was highly involved in the activities of IHA, especially in assessing GHG emissions of reservoirs and estimating hydropower sustainability.

As the contribution to the association I will promote hydropower as a sustainable, lower carbon emission source of renewable power, which could play a key role in regulation of widespread intermittent renewable energy sources.

Evgeniy’s biography can be found here:
https://www.hydropower.org/evgeniy-tikhonov
WEHNHARDT, Mr Uwe

President and CEO of Voith Hydro

Voith Hydro Holding GmbH & Co. KG

Region: Europe

Voith, platinum corporate member of the IHA, is one of the world’s leading suppliers of hydroelectric equipment and services. I joined Voith in 2007 and became a member of the Voith Hydro management board in 2011. Since 2016 I hold the positions of member of the corporate board of management of Voith and President and CEO of Voith Hydro.

I am a member of the IHA Board since 2016 and served there also in the Governance and Finance Committee. In this time I have gained significant insights in IHA’s work and would like to continue bringing in my experience, representing interests of the global hydropower industry.

Key initiatives that I will support are the Hydropower Sustainability Assessment Tools but also the promotion of pumped storage as well as modernisation and digitalization of plants.

The reputation of hydropower deserves to reach at least the same level as other renewable sources enjoy. Here we have some work to do in order to better position ourselves; and we should use any opportunity to show hydropower’s significant contribution to the Sustainable Development Goals and the Paris Climate Agreement. With its diversity of members and partners, IHA is well positioned to represent and lead the contemporary hydropower sector. As a board member I will pursue actions strengthening the standing of sustainable hydropower.
WU, Dr Shiyong
Deputy General Manager
Yalong River Hydropower Development Company Ltd
Region: East Asia and Pacific (Asia Two)

Yalong River Hydropower Development Company, Ltd (or Yalong Hydro) is a Platinum member of IHA. It is responsible for development of the hydro-energy resources of the Yalong River, where 22 cascade power projects totalling 30 GW have been planned. By now five power stations with a total capacity of 14.70 GW have been completed and Yalong Hydro has stepped into the line of world-standard independent power producer. Meanwhile, it is pushing forward development of the wind and solar power potentials of another 30 GW along the river.

I started my career in 1987 with Sichuan Water Resources and Hydropower Investigation Institute and then worked for Ertan Joint Venture until 1995 when I came to work for Yalong Hydro. In the capacity as deputy general manager of Yalong Hydro since 2008, I am also retained as the member of the Dams and Basin Management Panel of Experts of International Commission on Large Dams. Over 30 years I was involved in successful construction of the world class projects Ertan, Jinping-I and Jinping-II.

Should I be elected the Board member, I will be committed to promotion of communications and cooperation among IHA members, and will help the Association deliver value through meetings and other activities of exchange. In summary, I shall remain dedicated to the goal of achieving more successful hydropower industry worldwide.
ZHANG, Mr Dingming
Executive Vice President
China Three Gorges Corporation

Region: East Asia and Pacific (Asia Two)

As China’s largest clean energy corporation and the world’s largest hydropower developer, China Three Gorges Corporation (CTG) has been a platinum member of IHA in the past decade, supporting the activities of the association, as well as promoting sustainability in the hydropower sector.

CTG is deeply involved in formulating and populating Hydropower Sustainability Assessment Protocol, helping IHA network with Chinese government, industrial and financial institutions. Co-hosted by CTG and other partners, the 2015 World Hydropower Congress was successfully held in Beijing. CTG also invariably supports IHA’s other activities such as G-res tool research, practices of the Protocol, as well as the 2017 Congress in Africa and 2019 Congress in Paris.

As the Executive Vice President of CTG, I am in charge of international business and strategy, international exchange, investment, power generation and operation, and experienced in operation and management of power assets, acquisition and investments in hydro sector from home and abroad. With strong passion, I shall be committed to a sustainable and brighter future of power for all and will continue CTG’s support towards IHA by promoting IHA initiatives, sharing Chinese experiences, unswervingly supporting IHA to go forward and striving for better hydro through working closely with other members.
POWERCHINA is the largest water conservancy and hydropower project construction group with the most complete industrial chain in the world, ranks the first level for its project integration capacity and performance in the world. As the chief engineer of the group, I have long been engaged in science and technology innovation in water conservancy and hydropower engineering construction. I have made great contributions to promoting the technological progress of hydropower industry. I was awarded three National Science and Technology Progress Awards for scientific research achievements.

If I were elected as a member of the board, I pledge to promote the development of international water and hydropower construction technology, continuously study the key technologies of hydropower construction, push forward the rapid and healthy development of hydropower industry in China and the world, and provide sustainable water resources and energy services to all mankind.

If I were elected as a member, I will actively participate in relevant hydropower conferences and other activities. I will try my best to promote IHA's Regional Activities in China, the construction of clean low-carbon energy, water resources and environment in the world and the global grid interconnection, enhance the association's influence in the global hydropower industry.