Traditionally, PIANC started the year 2020 with its winter meetings for the Commissions, some Working Groups, as well as the ExCom meeting. You can find more details on these meetings in this February newsletter.

In only a few months time, we will set sail to Bristol in the UK for another Annual General Assembly. Please be advised that the AGA Bristol 2020 website is now online and that registration is now open (please note that registration is for PIANC Delegates only)!

The UK Section has prepared a very nice and interesting programme, both for the PIANC Delegates as for their accompanying persons. Registration can be done at https://www.pianc2020.org/event/pianc-aga-bristol-2020.

You can find out all there is to know about the AGA in Bristol through https://www.pianc2020.org.

NEWS FROM EXCOM

ExCom Meeting 2020-1
ExCom meeting 2020-1 took place on 30 January 2020 at PIANC HQ in Brussels, Belgium. On the agenda of this meeting were the usual items, such as the follow-up of Action Points, reports on the last Commission meetings, a discussion on new Terms of Reference (ToR), the status of ongoing Working Groups and PIANC’s finances. Moreover, the ExCom members discussed the new procedure for the Working with Nature Award. A few other miscellaneous items were treated, such as the PIANC databases, the recently drafted PIANC Code of Conduct about the use of the PIANC logo, as well as the follow-up of the Association's international activities.

Also during the ExCom meeting, Mr van der Wal of Port of Rotterdam and Chairman of MarCom gave a presentation on Digitalisation, Innovation and Energy Transition which could be of influence for PIANC. Later on, Mrs Brooke joined the ExCom meeting and she reported on the work of the Permanent Task Group on Climate Change (PTG CC), as well as on the Navigating a Changing Climate coalition and the COP 25.

PIANC’s publications were also dealt with: the current status of the PIANC Yearbook 2019 and the status of Working Group reports that will be published soon.

Later during the meeting, Vice-President and Chairman of this year’s PIANC De Paepe-Willems Award (DPWA), Mr Lawson, presented the PIANC De Paepe-Willems Award jury report and he announced the three winners:

- First prize: Benjamin Popovic - 'Tsunami Resilience of Pile-Supported Wharves: A First Principles Approach'
- Second prize: Rosanas Agustin Sanches-Arcilla - 'Towards Operational Coastal Decision Making. Robust Hydro-Morphodynamic Coupling and Data-Based Error Assessment'
- Third prize: Adrian Pearson - 'PIANC WG 153 Mooring Loads: State of Practice and New Design Considerations for Monopile Dolphin'

Among the statutory matters, Mr Thomas informed the ExCom on the received candidacies and the decision of YP-Com to propose the below candidates for the vacancies:

- Co-Chair: Matthew Prumm (Australia)
- Vice-Chair, Europe-Africa Region: Lisa Maria Putz (Austria)
- Vice-Chair, Asia-Pacific Region: Rodney Hancock (Australia)

As for the candidacy for new PIANC Vice-President, the ExCom decided after thorough investigation of the candidacies to put forward the candidacy of Mr Okada from Japan to the Council and AGA in Bristol in May 2020.

**NEWS FROM PROCOM**

**ProCom Meeting 2020-1**
ProCom Chairperson, Mrs Pahl, opened the meeting and was pleased to welcome two new members: Mr Laurent Luchez from France and Mrs MeiLeng Lim from Trelleborg, who is based in Singapore.

The ProCom members approved the minutes of the previous meeting, did a follow-up of the Action Points and discussed the benefits for PIANC’s members, as well as the Strategic Marketing Plan.

ProCom also welcomed the Chairpersons from InCom, MarCom, RecCom, EnviCom and YP-Com to find out what ProCom can do for the different Commissions and in return what the Commissions can do for ProCom in order to better market PIANC’s products. It turned out to be a fruitful exchange of ideas and several Action Points were drawn from the discussion.

Furthermore, the ProCom members had a discussion on how they can assist the National Sections/Secretaries in maintaining a sustainable National Section. It was decided to draft some ‘Guidelines for National Sections’, both for the existing National Sections as for the newcomers.

The next ProCom meeting will take place in April 2020.

NEWS FROM ENVICOM

PIANC EnviCom WG 214 Beneficial Sediment Use

On 30 January 2020, the PIANC EnviCom WG 214 on Beneficial Sediment Use convened a workshop of 35 participants focused on the opportunities and hurdles to beneficial use in European Nations. In addition to the global representation brought be the WG, participants came from across Europe with perspectives from as far as Dubai. Presenters gave their perspectives from the dredging, regulatory, technology, and program communities. A workshop report is being prepared and will be included in the WG214 final report along with the Australian Workshop report from October 2019. The WG is planning a third workshop in Asia in late 2020.

Kick-off meeting for EnviCom Working Group 218

The kick-off meeting for EnviCom Working Group 218 - ‘The Implications of Alien Invasive Species for Waterborne Transport Infrastructure’ was held on 30-31 January 2020 in Brussels, Belgium.

The purpose of the Working Group is to generate a report to provide port managers, harbour masters,
engineers and environmental scientists with a practical guide on managing the business, liability, health and safety, and other risks associated with invasive species. The Working Group has diverse membership, with expertise in freshwater and marine ecology and port management, and representation from six countries including Germany, France, the United Kingdom, Iran, Australia and the United States.

During the initial meetings, the group reviewed the Terms of Reference, agreed on a WG Chair and Secretary, and developed a working report outline, approach and schedule with the goal of completing the report in two years. Working Group 218's next in-person meeting is scheduled for June 2020 in Koblenz, Germany. The WG would greatly benefit from a few new members to add representation from Asia, South America and Africa, and is particularly keen to welcome new members with expertise in risk based assessments, economics, and marine and structural engineering.

Safra Altman
Chair of WG 218

NEWS FROM FINCOM

FinCom Meeting in Brussels on 28 January 2020

In preparation for the ExCom 2020 winter meeting, FinCom held its first meeting of 2020 on 28 January at PIANC HQ in the Ferraris Building in Brussels, Belgium.

As always, the FinCom agenda consisted of a very varied and extensive programme, complemented by a presentation by our private bank, concerning the actual situation of the portfolio and a financial outlook for 2020.

The financial results for 2019 are very satisfactory. FinCom is very happy with this and still hopes in the long run to achieve a higher financial return and lower management costs. However, we must be aware that the improved results of 2019 will not be there every year. The financial report by FinCom for the past year is already prepared and will be included in the 2019 Yearbook, which will be available before the AGA in Bristol.

Most of the attention of the FinCom meeting was given to the organisation of events, particularly PIANC-COPEDEC in Manila this year in November, as well as the organisation of the 35th PIANC World Congress in Cape Town, South Africa, which will take place in March 2022. Because the route to these events is not without obstacles, FinCom considered how PIANC HQ and Commissions such as CoCom and FinCom can contribute to assist in their organisation.

One of these resources can consist of setting up of a ‘handbook of templates’ to assist the LOC (Local Organisation Committee) which explains how PIANC wishes the events to be organised and what is needed. This handbook will include a collection of data in table form of past similar event(s), with the actual number of participants, speakers, papers, back-up papers, registration, etc prior to the event, number of effective days, and the real yield. A regular update of this handbook should allow all of us to learn lessons from the experiences of previous events, conferences and the Congresses. It should
replace the different templates that exist now and will therefore be more coherent for the future. FinCom assumed that at the latest, a contract between the LOC of the World Congress in Cape Town 2022 and PIANC HQ needs to be signed in Bristol.

The budgetary result for 2019 and the Business Plan for 2020-2024 were approved with only a limited number of corrections.

Further debates were also held on the evolution of the membership, the IT strategy and membership software. FinCom's analysis of the past years shows a fairly stable revenue from membership, but indicates unfortunately that the overall number of members does not increase. Once again, it turns out that most National Sections and secretariats fail in attracting new members. This standstill is not a good sign and we need to act, both from HQ’s side and especially from the National Sections’ side.

Finally, some FinCom members announced their intentions regarding their retirement from the Commission over the next two years, and FinCom acknowledged the need for a suitable succession plan of the FinCom chairmanship and membership. The next FinCom meeting will take place in Bristol on 17 May 2020, prior to the Bristol AGA meeting 2020.

Herbert Smitz
Secretary of FinCom

NEWS FROM THE PIANC COMMUNITY

Navigating a Changing Climate at PIANC-COPEDEC 2020

Navigating a Changing Climate is a PIANC-led international initiative that provides a platform for the exchange of technical advice and information. The initiative aims to support the maritime and inland navigation infrastructure sector in responding to climate change. Find out more at https://navclimate.pianc.org.

PIANC, along with partner associations IAPH, the International Harbour Masters’ Association, the International Maritime Pilots’ Association, IMarEST and others, set up Navigating a Changing Climate as a five-year ‘Marrakech Partnership’ initiative in 2015, in the lead up to the UN Paris Agreement on Climate Change. In addition to the partner associations, more than 50 organisations have signed up as Navigating a Changing Climate ‘supporters’.

In 2020 and 2021, several events are being held to conclude the current Navigating a Changing Climate
work programme. One of these events is a ‘conference-within-a-conference’ at PIANC-COPEDEC 2020.

A CONFERENCE-WITHIN-A-CONFERENCE AT PIANC-COPEDEC 2020

On 19 and 20 November 2020, the Navigating a Changing Climate partners will organise a two-day conference as part of the 10th International Conference on Coastal and Port Engineering in Developing Countries (PIANC-COPEDEC) to be held in The Philippines, hosted by The Philippine Ports Authority.

The themes of this ‘conference within a conference’ will include:

1. Moving towards ‘net zero’ emissions of greenhouse gases from port infrastructure including the port estate
2. Ports’ role in enabling the reduction of greenhouse gas emissions from vessels
3. Intermodality and system-level climate change resilience
4. Effects of extreme weather, including risk assessments, contingency plans and warning systems
5. Monitoring and adaptive management for responding to change
6. Climate change adaptation, including theory and practice, methodologies and case studies
7. Optimising operational resilience, including the role of inspection and maintenance
8. Flexible and adaptive infrastructure design
10. Other climate change topics

By submitting an abstract and taking part in the Navigating a Changing Climate conference, you can:

• Share experiences with others in the waterborne transport sector about the best practices they are adopting, both to combat climate change and to adapt to its effects by strengthening infrastructure and operational resilience
• Report on the progress of your own initiatives to deal with climate change challenges and learn how other organisations are responding on the same issues
• Be part of the debate on raising questions that affect the waterborne transport sector as well as collaborating with other members to address them

The conference will deepen your knowledge on de-carbonisation and the move to net zero greenhouse gas emissions being taken by leading organisations in the sector. It will also enable you to find out more about practical approaches to climate change adaptation, and to intermodal-, system resilience- and nature-based solutions.

The call for abstracts for the event is now open. The deadline for the receipt of abstracts is 30 March 2020.

Navigating a Changing Climate partner members, supporter organisations and other climate change practitioners and researchers around the world are encouraged to submit an abstract and to share their experiences.

For instructions on how to submit an abstract, please download the Navigating a Changing Climate document at https://www.pianc-copedec2020.org/call-for-abstract.

**UPDATE ON ABSTRACT SUBMISSION**

The original call for abstracts invited prospective presenters to submit a one-page abstract on any of the above themes or related topics to the Conference secretariat and copied to NavClimate@pianc.org.

If you have already prepared a one-page abstract following the original call, this form of submission remains acceptable. Your abstract will still be considered but you will be asked to re-format your abstract if it is accepted.

Those that have not yet prepared and submitted their abstracts may be interested to know that the...
extended abstracts from the Navigating a Changing Climate conference-within-a-conference will be included in the PIANC-COPEDEC conference Book of Abstracts. In this case, however, the Navigating a Changing Climate conference abstracts will need to be submitted in the same format as those for PIANC-COPEDEC (see https://www.pianc-copedec2020.org/call-for-abstract to access the instructions for submission).

Jan Brooke
PIANC NaCC, EnviCom & PTG CC

PIANC Japan Increasingly More Active in PIANC Activities - Information Sharing Meeting in Tokyo

On 20 January 2020, 30 Japanese PIANC members responded to the call by Vice-President Hiroshi Hayashida (President of PIANC Japan), and gathered to have an information sharing meeting in Tokyo, Japan.

Following the opening remarks by Mr Osamu Horita, Deputy Director General, Ports and Harbours Bureau of Ministry of Land, Infrastructure, Transport and Tourism (MLIT), each member in the different PIANC Commissions and Working Groups presented briefly their activities of the past year, the near-term schedule and challenges they face so that all members could understand what is going on in PIANC as a whole.

PIANC Japan will continue to commit to Commission and Working Group activities.

The following participants attended the meeting:

Hiroshi Hayashida, President of PIANC-Japan and Vice-President of PIANC
Mitsuhiko Okada, PIANC-Japan
Masaru Suzuki, InCom
Yoshiaki Higuchi, MarCom
Masahiko Fukami, EnviCom
Masato Yamashita, RecCom
Kenji Ono, CoCom and WG 208
Shigeru Ueda, WG 145 and WG 211
Eiji Kohama, WG 153
Takahiko Kishimoto, WG 194
Taishi Yamamoto, WG 194
Masamitsu Ikebe, WG 211
Hitoshi Akiyama, WG 211
Shinya Hosokawa, WG 214
Takashi Hara, WG 214
Masamitsu Nakaizumi, WG 224 (nominated)
Atsushi Nodu, WG 225 (nominated)
Shigeru Higashiyama, Secretary of PIANC Japan
Osamu Horita, Deputy Director-General, Ports and Harbours Bureau, MLIT
Hironobu Ishibashi, PHB, MLIT
Takashi Nakamoto, PHB, MLIT
Taishi Yamamoto, PHB, MLIT

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Shigeru Ueda, WG 145 and WG 211
Eiji Kohama, WG 153
Takahiko Kishimoto, WG 194
Taishi Yamamoto, WG 194
Masamitsu Ikebe, WG 211
Hitoshi Akiyama, WG 211
Shinya Hosokawa, WG 214
Takashi Hara, WG 214
Masamitsu Nakaizumi, WG 224 (nominated)
Atsushi Nodu, WG 225 (nominated)
Shigeru Higashiyama, Secretary of PIANC Japan
Osamu Horita, Deputy Director-General, Ports and Harbours Bureau, MLIT
Hironobu Ishibashi, PHB, MLIT
Takashi Nakamoto, PHB, MLIT
Taishi Yamamoto, PHB, MLIT
News from the HTG (German Port Technology Association) and the German Section of PIANC

On 6 February 2020, HTG and the German Section of PIANC met in Bonn to discuss an improvement of their collaboration. As the HTG has about 1,500 individual members, it is obvious to join forces between HTG and PIANC in Germany.

The HTG, as German national association, focusing on all scientific, technological and economic issues related to the field of ports, shipping and logistics, coastal protection, has a similar structure to the one of PIANC. The HTG aims are:

- the exchange of specialist views and experiences amongst its members
- the exchange of information on developments and innovations at an international level
- the retention and further development of specialist knowledge across all areas forming the remit of the HTG
- technical and economic cooperation with other national and international specialist organisations
- location determination for carriers both in terms of coordination amongst themselves and with port users and public authorities
- specialist work within committees and working groups including the publication of recommendations and results
- support for young members and the advanced training they require as they start out in professional practice

The PIANC Commissions have the following sister commissions in the HTG:

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<tr>
<th>PIANC</th>
<th>HTG</th>
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<tbody>
<tr>
<td>MARCOM</td>
<td>Technical Committee Maritime Waterways</td>
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<tr>
<td>INCOM</td>
<td>Technical Committee Inland Waterways</td>
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<tr>
<td>RECCOM</td>
<td>Technical Committee Marinas and Facilities for water tourism</td>
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<tr>
<td>ENVICOM</td>
<td>Some issues of EnviCom (Dredging) were discussed in: Technical Committee Dredging Spoil</td>
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As a first step, the information exchange will be improved, such as in newsletters, on the websites, etc. About further steps you will be informed regularly.

Gabriele Peschken
Secretary of the German Section

PIANC USA at the International Marina and Boatyard Conference (IMBC) in Ft Lauderdale - January 2020

PIANC RecCom implemented new collaboration initiatives with the Association of Marina Industries (AMI), a PIANC Sister Association. PIANC RecCom and PIANC USA joined forces to support AMI’s Marina Design and Engineering track for the International Marina & Boatyard Conference (IMBC) program. IMBC is held annually in the USA.
PIANC RecCom supported the content committee for the 2020 event (14-16 January, Fort Lauderdale, Florida) to shape the core Marina Design and Engineering track. Working with a significant number of topic submittals, we proposed thematic groupings for dynamic discussions, added invited speakers to discuss ‘Engineering with Nature’ programme experience.

A new session to promote environmental issues in marina infrastructure was proposed by PIANC RecCom. It included presentations on USACE’s ‘Engineering with Nature’ (EwN) by Dr. Burton Suedel, EnviCom Working Group 175 on Working with Nature by Dr. Victor Magar, and progress material on RecCom Working Group 148 on WwN applied to marinas by Esteban Biondi.
In addition to the RecCom Technical sessions held at the 2020 IMBC Conference in January, the PIANC U.S. Commissioners held their semiannual face-to-face meeting and hosted a PIANC USA Exhibit booth. Moffatt & Nichol, PIANC USA Corporate Member, sponsored a PIANC Young Professional Happy Hour at the PIANC booth on 15 January 2020.

PIANC USA Commissioners gathered for their semi-annual face-to-face meeting, which was held at the location of the 2020 IMBC Conference. L-R: Joe Manous (US Army Corps of Engineers Institute for Water Resources Director), Jim Marino (US Commissioner), Ron Coles (US Commissioner), Mike Leone (US Commissioner), Joe Mantey (PIANC USA Treasurer), Jessica McIntyre (US Commissioner), Lillian Almodovar (US Commissioner), Rachel Grandpre (PIANC USA Secretary), Esteban Biondi (PIANC International RecCom Chair)

PIANC USA booth during the YP Happy Hour sponsored by Moffatt & Nichol

State of the Infrastructure Report by USACE/BOR

The United States Army Corps of Engineers (USACE), a PIANC USA Corporate Member, and the Bureau of Reclamation (Reclamation) released a State of the Infrastructure joint report that provides an overview of the water-related infrastructure in the United States. The joint report identifies the strengths and challenges of the various infrastructure in USACE and BOR inventory. Click here to download the report.

Rachel Grandpre
Secretary PIANC USA
PUBLICATIONS

Just Shipped

The following publications were published in January 2020:

- WG 178 (EnviCom): ‘PIANC-PTG CC Working Group on Climate Change Adaptation for Maritime and Inland Port and Navigation Infrastructure’
- WG 147 (RecCom): ‘Guidelines for Managing the Relationship between Recreational Navigation and Commercial Ports’

Publications Pipeline

The following publications will be published in March/April 2020:

- WG 189 (InCom): ‘Fatigue of Hydraulic Steel Structures’
- TG 193 (EnviCom): ‘Resilience of the Maritime and Inland Waterborne Transport System’
- WG 145 (MarCom): ‘Berthing Velocity Analysis of Seagoing Vessels over 30,000 DWT’
- WG 191 (InCom): ‘Composites for Hydraulic Structures’

The following publication will be published in May 2020:

- PIANC Yearbook 2019

Find our publications at https://www.pianc.org/publications. Save money by becoming a member of PIANC and download ALL PIANC publications FOR FREE on the Members Only password protected pages!

ON THE CALENDAR

IADC’s 2020 Seminars on Dredging and Reclamation will be held in Delft and Singapore

In 2020, IADC will organise its well-known Seminar on Dredging and Reclamation twice: from 8-12 June 2020 in Delft and from 5-9 October in Singapore. The seminars are developed for both technical and non-technical professionals in dredging-related industries, from newcomers in the field of dredging to higher-level consultants, advisors at port and harbour authorities, offshore companies and other organisations that execute dredging projects. Attendees will acquire a wealth of knowledge and a better understanding of the fascinating dredging industry.

In the Classroom

There is no other dredging seminar that includes workshop exercises covering a complete tender process, from start to finish. The in-depth lectures are given by dredging experts working at IADC
member companies whose practical knowledge and experience add extra value to classroom lessons. Amongst the subjects covered are:

- the development of new ports and maintenance of existing ports
- project development: from preparation to realisation
- descriptions of types of dredging equipment
- costing of projects
- types of dredging projects
- environmental aspects of dredging

**Outside the Classroom**

Seeing is believing. Activities outside the classroom are equally as important. A site visit is therefore an integral element in the learning process. This gives the participants the opportunity to see dredging equipment first-hand and gain a better understanding of the extent of dredging activity. Face-to-face social contact is also invaluable. Therefore, a mid-week dinner is part of the programme where participants, lecturers and other dredging professionals can interact, network and discuss the real, hands-on world of dredging to provide another dimension to this stimulating week.

**More information about the programme, fee and registration**


Lauren Grieco
Editor Terra & Aqua

**CEDA and IADC Launch New Dredging for Sustainable Infrastructure Course**

For professionals involved in dredging-related activities for water infrastructure development, CEDA and IADC launch the **Dredging for Sustainable Infrastructure** Course on 23-24 June 2020 in the Van der Valk Hotel The Hague which is located in Nootdorp, near The Hague, the Netherlands. The course is based on the associations’ flagship guidebook by the same title.

**For Whom**

Are you a professional involved in dredging-related activities for water infrastructure development? Do you work with government, port authorities, consultancy firms, dredging companies, NGOs, suppliers or ship-builders? Is your ambition to achieve sustainable and resilient water infrastructure or dredging projects that contribute to the UN Sustainable Development Goals? If your answer to these questions is ‘yes’, then do not miss the opportunity to join this course. Whether you are an ecologist, engineer, scientist, regulator or financier, valuable knowledge that can be put into practice right away awaits every participant.

**About the course**

At this two-day course, participants will learn how to achieve dredging projects that fulfil primary functional requirements while adding value to the natural and socio-economic systems. This will be made
possible through an understanding of these systems in the context of dredging as well as stakeholder engagement throughout a project’s development.

This course is based on the CEDA-IADC guidebook *Dredging for Sustainable Infrastructure* which was published in 2018. Experienced lecturers will inform about the latest thinking and approaches, explain methodologies and techniques as well as demonstrate – through numerous practical examples – how to implement this information in practice through challenging workshops and case studies. All participants will receive a copy of the book distributed prior to the course as well as an assignment to work on before the course starts.

More information

Find additional information about the programme, fee and registration [here](#).

Lauren Grieco
Editor Terra & Aqua

CMTS-TRB Autonomous Marine Transportation Systems Conference

The U.S. Committee on the Marine Transportation System (CMTS), a PIANC USA Corporate Member, is working with the Transportation Research Board (TRB) of the National Academy of Sciences to hold the 6th Science and Technology Conference to be held on 16-18 June 2020 in Washington, DC. The conference is entitled ‘Advancing the Marine Transportation System through Automation and Autonomous Technologies: Trends, Applications and Challenges’.

This conference will showcase current and emerging innovative science and technologies related to maritime transportation. This will be an opportunity for members from government, industry, and academia to examine the rapidly evolving applications of autonomous and automated technologies. Through engaged discussion and debate with noted thought leaders, directed panelists, and leading scientists and engineers, the conference will explore the direction, technical challenges, enabling technologies, and potential hurdles to successfully navigate the future of the marine transportation system.

The conference organisers are calling for presentations related to any aspect of automation and autonomy within the Marine Transportation System on land or water. This call for presentations does not require to a paper submission; simply to submit an abstract and have a presentation prepared if the abstract is accepted. For information, please visit the website at [http://www.trb.org/conferences/mts2020.aspx](http://www.trb.org/conferences/mts2020.aspx).

Rachel Grandpre
Secretary PIANC USA

XXIX Latin American Congress of Ports - Cartagena 2020

The Latin American Congress of Ports is an annual event convened by the Latin American Delegation of the American Association of Port Authorities (AAPA). Every year, more than 400 port leaders and international experts make this forum stand out as the most important business gathering of the industry.

Three days of technical sessions serve to present and discuss major international port projects. In addition to this, the event provides intense social and networking activities, a technical port visit and a prominent space destined to commercial displays, in which the most representative industry suppliers participate.

The 2020 edition is convened in strategic alliance with the Port of Cartagena. Please find more details on the congress at [https://aapalatinoamerica.com/en/](https://aapalatinoamerica.com/en/).
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