



AAPM GLOBAL NEEDS ASSESSMENT COMMITTEE

Stephanie A. Parker, MS, DABR, CSSGB, FAAPM
Vice-Chair of GNAC

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LEARNING OBJECTIVES



To provide an introduction to the Global Needs Assessment Committee



To learn about the relationship between the Global Needs Assessment Committee and the other Committees within the International Council



To learn about the initial work on the Global Needs Assessment Committee

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MEET THE TEAM






















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CHAIR:
DR. WILFRED NGWA



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THE TEAM

 <p>Md Toftz Uddin, PhD, MS toftz11@gmail.com 4/12/2021 - 12/31/2023 Member</p>	 <p>Daryoush Bagheri, PhD Daryoush@jhu.edu 4/12/2021 - 12/31/2023 Member</p>	 <p>Kofi M. Deh, MS kofi.deh@gmail.com 4/12/2021 - 12/31/2021 Guest (nonvoting)</p>	 <p>Osama R. Mawlawi, PhD omawlawi@mdanderson.org 4/12/2021 - 12/31/2023 Member</p>
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 <p>Hamid Reza Khosravi, PhD hrkhoravi@gmail.com 4/12/2021 - 12/31/2023 Member</p>	 <p>Suman Shrestha, MS sshrestha@mdanderson.org 4/12/2021 - 12/31/2021 Guest (nonvoting)</p>	 <p>Stephanie A. Parker, MS stefparkerjones@gmail.com 4/12/2021 - 12/31/2023 Committee Vi Chair</p>	 <p>Charles Y. Shang, MB, MS cshang@sfpti.com 4/12/2021 - 12/31/2023 Member</p>
		 <p>Peter A. Sandwall II, PhD pasandwall@gmail.com 4/12/2021 - 12/31/2023 Member</p>	 <p>Hao Zhang, PhD haozhangbit@gmail.com 4/12/2021 - 12/31/2023 Member</p>

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INTERNATIONAL COUNCIL

 <p>Global Education and Training</p>	 <p>Global Data and Information Exchange</p>	 <p>Global Liaisons</p>
 <p>Global Medical Physics Education and Training</p>	 <p>Global Needs Assessment</p>	 <p>Global Research and Scientific Innovation</p>

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**INTERNATIONAL
COUNCIL**

Relationships and Communication between
the Committees is not One-Way

Interconnections Between All Groups

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PURPOSE

The Global Needs Assessment Committee shall advise the International Council and, through it, the Board of Directors, on matters related to the assessment of needs for medical physicists working outside of the U.S. and Canada.

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CHARGES

- Develop, implement and maintain processes for performing comprehensive quantitative assessments of medical physics needs and resources within a region or regions when such data are not available from other sources, such as the World Health Organization (WHO) and International Atomic Energy Agency (IAEA).
- Using the developed processes, perform routine assessment of medical physics needs and resources in each region.

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CHARGES

- Collaborate with GDIEC to develop and maintain a database of contact information for leaders and other representatives of key stakeholder organizations, especially international, national, and regional medical physics organizations in each region.
- Collaborate with GMPETC to advance education and training of medical physicists.
- Collaborate with GCETC to advance resource-stratified education and training in the clinical practice of medical physics

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STEP ONE: DEFINING GLOBAL REGIONS

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Africa



Americas



South-East Asia



Europe



Eastern Mediterranean



Western Pacific

WORLD HEALTH ORGANIZATION

<https://www.who.int/#>

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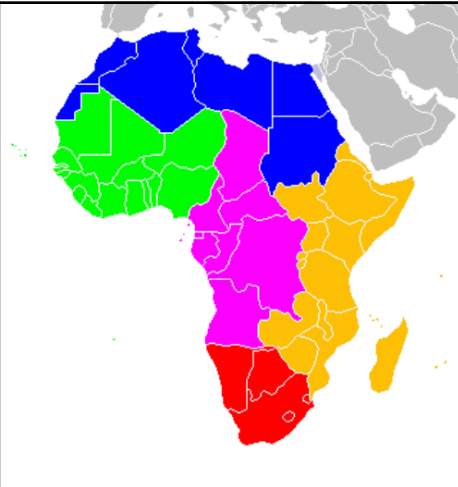
WHO Regions	AAPM IAC Regions	IOMP Regional Organizations
African Region	African Affairs SC [Status]	Federation of African Medical Physics Organizations (FAMPO)
Region of the Americas	Latin American Affairs SC [Status]	Latin American Medical Physics Association (ALFIM)
European Region	European Affairs SC [Status]	European Federation of Organisations for Medical Physics (EFOMP)
Eastern Mediterranean Region	Middle East Affairs SC [Status]	Middle East Federation of Medical Physics (MEFOMP)
Western Pacific Region	Asian Oceanic Affairs SC [Status]	Asia-Oceania Federation of Organizations for Medical Physics (AFOMP)
South-East Asia Region	Asian Oceanic Affairs SC [Status]	South East Asian Federation of Organizations for Medical Physics (SEAFOMP)

ALIGNMENT WITH AAPM & IOMP

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NEXT STEPS

- Propose Subregions
- Group LMICs into the Defined Regions
- Identify Regional Contacts
- Draft Letter to contacts



UNSD regions of Africa:

- Northern Africa
- Eastern Africa
- Middle Africa
- Southern Africa
- Western Africa

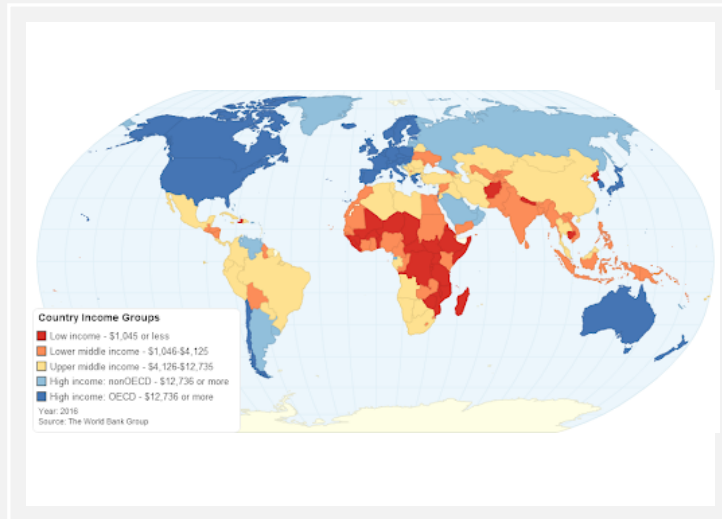
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LMICS

- Low and Middle-Income Countries
- 135 Countries

Threshold	GNI Per Capita (US\$)
Low income	<1026
Lower-middle income	1,026 - 3,995
Upper-middle income	3,996 - 12,375
High income	> 12,375



<https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups>

ChartsBin statistics collector team 2016, Country Income Groups (World Bank Classification), ChartsBin.com, viewed 18th May, 2021, <<http://chartsbin.com/view/2438>>.

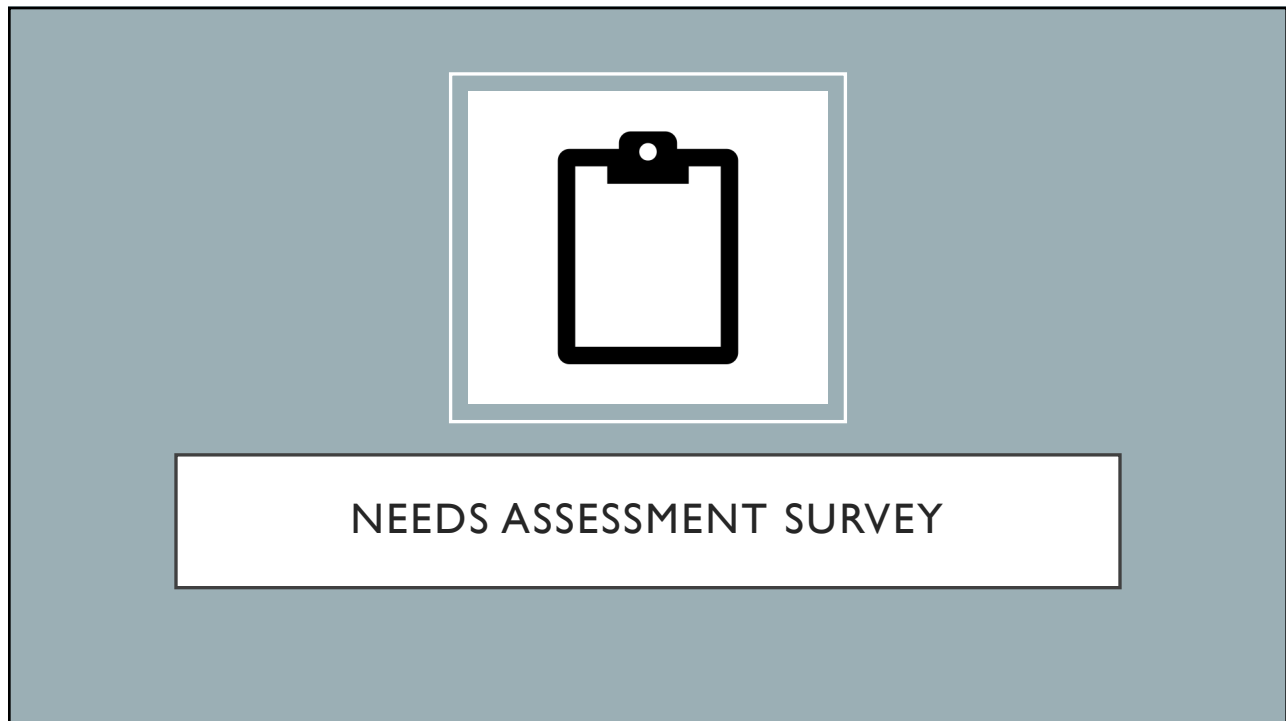
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REGIONAL CONTACTS

GOAL: Develop and maintain a database of contact information for leaders and other representatives of key stakeholder organizations in each region.



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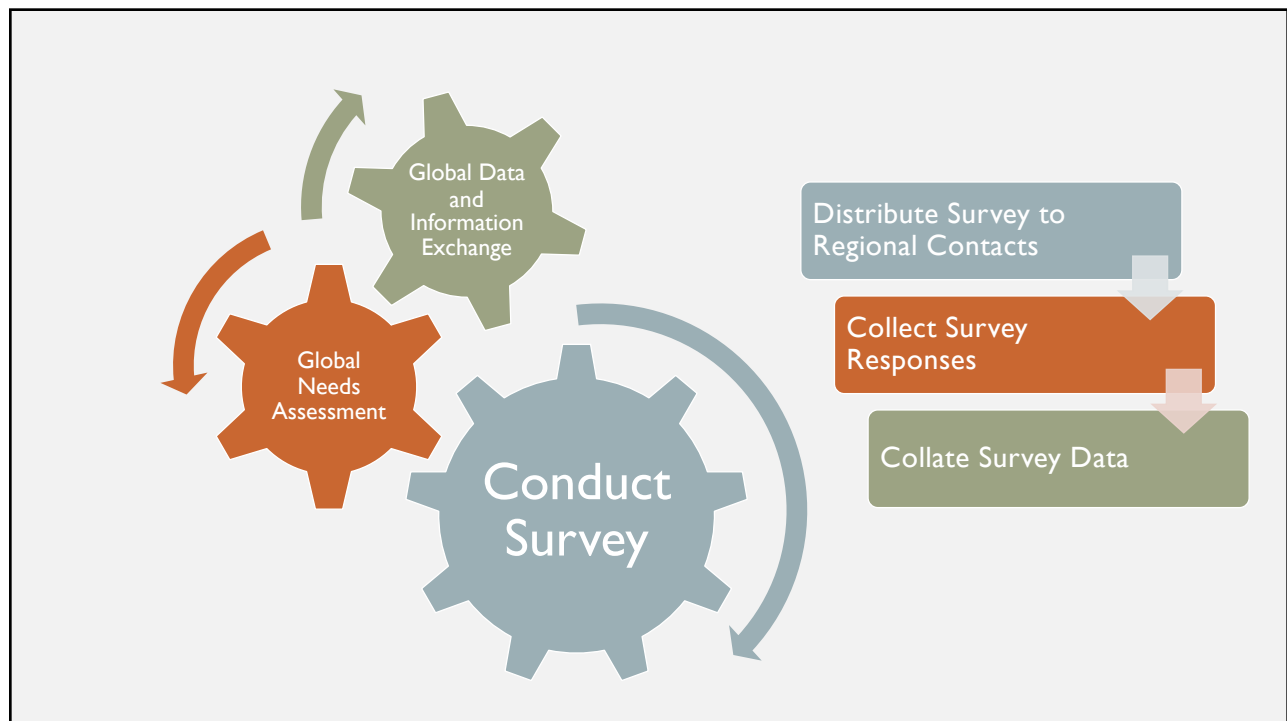
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<div style="border: 1px solid white; padding: 10px; display: inline-block;"> <h2 style="margin: 0;">SUMMARY</h2> </div>	<ul style="list-style-type: none"> • Responsible for need assessment and collaboration in different regions of the world • To Date: <ul style="list-style-type: none"> • Identified global regions and subregions • Grouped LMICs into regions and subregions • Drafted letter of introduction to regional contacts • Ongoing <ul style="list-style-type: none"> • Identifying regional contacts • Working with other committees to design need assessment survey
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THANK YOU
FOR YOUR
TIME AND
ATTENTION

We are enthusiastic
about our work and
look forward to
sharing updates with
the medical physics
community as our
work progresses.

