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The reach of ASPAC



<http://aspacnet.org/>

The ASPAC region

- incorporates over 60% of the world's population
- is the most diverse in economic standards
- is one of the world's fastest growing regions
- **Just turned 20**

ASPAC Science Centres *(and friends)* Search

- **Tokyo Protocol** - 7th Action: Support advancement in the number, capabilities and efforts of science centres and science museums everywhere
- The search covers
 - science & technology centres,
 - education centres with science exhibits,
 - planetariums,
 - zoos, &
 - aquariums

that are permanent institutions, open to public / school groups within ASPAC Region
- Using the available attendance (includes in-house and out-reach) of some centres, the total attendance for individual regions are projected
- Science Centre Index = Total Attendance / Population of the country or region

The ASPAC 'Science Centre' Index

Country/ Region	# of Science Centres	Projected Attendance	Population	SC Index
Australia	48	16,277,567	24,125,848	1.15
Brunei	3	21,000	423,196	0.05
China	150	47,146,000	1,403,500,365	0.11
Hong Kong	33	8,424,884	7,302,843	1.15
India	56	14,000,000	1,324,171,354	0.04
Indonesia	19	4,750,000	261,115,456	0.07
Japan	118	31,720,916	127,748,513	0.48
Macao	6	993,441	612,167	1.62
Malaysia	17	4,060,000	31,187,265	0.26
New Zealand	31	6,200,000	4,660,833	1.33
Philippines	16	4,250,000	103,320,222	0.08

Country/ Region	# of Science Centres	Projected Attendance	Population	SC Index
Samoa	1	50,000	195,125	0.26
Singapore	14	4,250,000	5,622,455	1.33
South Korea	118	32,952,259	50,791,919	1.21
Taiwan	38	10,622,565	23,556,706	0.84
Thailand	44	13,650,834	68,863,514	0.35
NAMES (Jordan, Kuwait, Palestine, Saudi Arabia, Syria, Turkey, UAE, Yemen)	20	5,000,000	186,770,040	0.03
Others	36	9,000,000	947,431,575	0.01
Overall	788	213,369,466	4,758,169,436	0.10

ASPAC members co-creating the RICE is Life Exhibition

- Rice is a stable food
- Sustainable rice production challenged by climate change
- Food security is of global concern
- Scope and Topics:
 - History of Rice
 - Biology of Rice
 - Production and Consumption
 - Culture and Heritage
 - Technology and Research
 - Preservation and Challenges
- Content developed opened for adoption by ASPAC members, including education materials for schools and general public outreach, relating to the Sustainable Development Goals declared by the United Nations



- RICE IS ALL AROUND



- RICE IS ALL AROUND



- RICE PRODUCTION



- **RICE PRODUCTION**

(POST HARVEST)



RICE CULTURES



ASPAC Collaborative Activities
build mutual understanding
and support among members
and friends for co-design and
transformation towards SDGs

PICTURE HAPPINESS ON EARTH



- Teenagers from the Asia-Pacific region and Japanese female teenagers will collaborate in order to create contents for the Geo-Cosmos about “Happiness”.
- The participants logically think about the future of 10 billion people living together on Earth.

Temporary Exhibition “Beautiful Rice”



- “Rice,” which underpins the food culture of Japan and other parts of Asia, exhibition held in conjunction with the Summit.
- It aims to disseminate information widely about science and technology as a means for building sustainable agriculture and in turn, sustainable societies.

World Biotech Tour (WBT)



- WBT showcases the role of science centres in bringing together key stakeholders to promote understanding of science initiated by ASTC and Biogen Foundation.
- Participants will discuss and consider about the relationship between biotechnology and society involving students, teachers, science centre professionals and others.

ASPAC annual conference 2018 in Taipei