



National Report 2022

BULGARIA

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Bulgarian Antarctic Institute



Activities

- Place naming
- Infrastructure development
- Promoting Antarctica
- SCAR 2028 bid



Place naming

July 2020 – July 2022

A total of sixty-one new names

<http://apcbg.org/gazet.pdf>

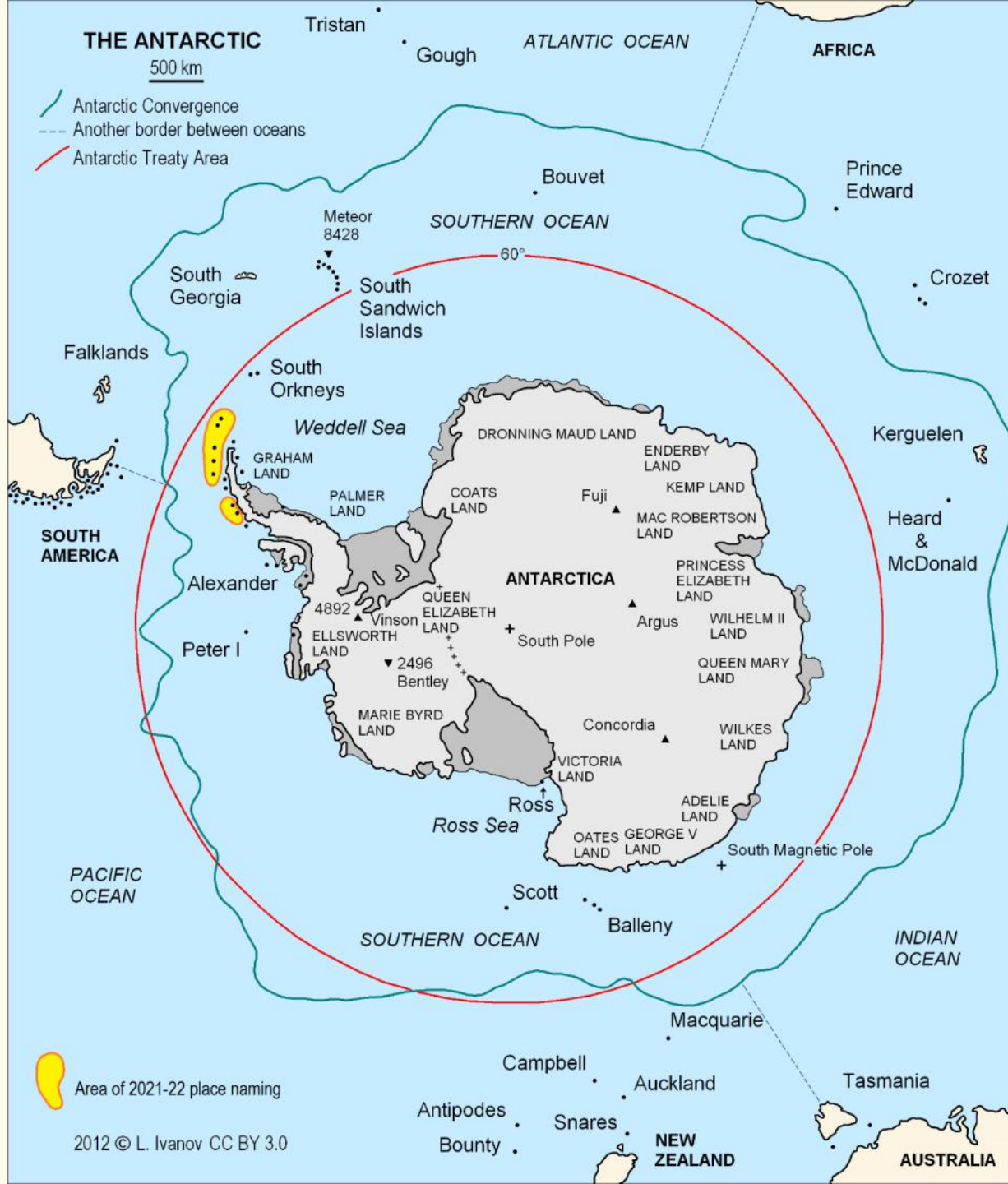
<http://apcbg.org/gazet-bg.pdf>



Place naming

Regional distribution

South Shetland Islands	55
Biscoe Islands	6





Place naming

Feature type statistics

Rocks	19	31%
Islands	10	16.5%
Lakes	8	13%
Points	6	10%
Coves	6	10%
Beaches	4	6.5%
Nunataks	2	3.5%
Reefs	2	3.5%
Peninsulas	1	1.5%
Glaciers	1	1.5%
Hooks	1	1.5%
Gaps	1	1.5%



Place naming

Etymology

Names related to geodetic instruments and methods	31	51%
Descriptive names	12	19.5%
Personal names	9	15%
(incl. living persons	6	10%)
Bulgarian history	4	6.5%
Bulgarian folklore	3	5%
Antarctic history	1	1.5%
Antarctic fiction	1	1.5%



Infrastructure development

Research ship

- Following a 2021 tender, the Nikola Vaptsarov Naval Academy in Varna has acquired a ship to operate in Antarctica
- The purchase was funded under the Sofia University and Bulgarian Antarctic Institute's project 'National roadmap for research infrastructure 2020-2027: Bulgarian polar base St. Kliment Ohridski'
- Research and survey vessel 'Sv. sv. Kiril i Metodiy' (English: Sts. Cyril and Methodius) commanded by Capt. 2nd rank Nikolay Danailov, is 67 m long, 17 m wide, 3063 tonnes deadweight and 2194 gross registered tonnes, built by Sigbjørn Iversen shipyard in Flekkefjord, Norway in 1984







Infrastructure development

New laboratory

- Following the scaled-down activities during the pandemic, work on the new laboratory at St. Kliment Ohridski base was resumed in the 2021/22 season with building foundations laid
- Construction completion expected in three years

Ohridski base, the new laboratory is visualized on the right



Image: PS Architects



Promoting Antarctica

APECS Bulgaria activities

- Antarctica stand and public lectures at the annual Sofia Science Festival, September 2020
- Celebration of Antarctica Day by themed online presentations on Antarctic history, geology, hydrobiology and infrastructure, December 2020
- Inauguration of the lecture course 'Polar marine biology' in the curriculum of the Faculty of Biology at Sofia University, the country's first one devoted to Antarctica and polar science, February 2021



APECS
Association of Early Career Polar Scientists
Асоциация на младите полярни изследователи

LIVINGSTON
ANTARCTICA



Sofia Science Festival 2020
Photo: APECS

мисия **Антарктида**

Българознайко

Застанете на старта, хвърлете зарчето и се местете според цифрата, която Ви се е паднала. Спазвайте указанията на всяко поле. Печели играча, който пръв стигне до върха и развее знамето с Българознайко.

старт

1



Тръгни по стъпките на пингвина и помогни на нашите герои да прекосят Антарктида и да сложат българското знаме на връх „Българознайко“

2

Пингвините събират камъни, за да направят свое гнездо.

3

Леопардовите тюлени се хранят с пингвини, те са опасни и за човека.

4

Тези води са територия на леден тюлен,

прескочи на

кнещи

ат хиляди зву

р пее



9

7



8

17

15

16

Попадна на метеорит. Учените много ще се зарадват на откритието ти! Той ти дава космическа сила да хвърлиш зарчето отново.

18

19

20

Синият кит е най-голямото животно на планетата!

21

22

Помогни на учените да вземат проби от леда, това ще те забави - пропускаш едно хвърляне!





APECS Bulgaria activities

- A series of school events, presentations and Antarctic photo exhibitions in Sofia and other cities, February 2021
- Antarctica stand and a public lecture 'Women in Antarctica' at the annual Sofia Science Festival, May 2021
- 'Scuba divers in Antarctica,' a public lecture by the Spanish marine biologist and diver Dr. Javier Cristobo, May 2021
- Photo exhibition and public lectures at the Regional Museum of Natural History in Plovdiv titled 'When Antarctica shows its heart to scientists,' June 2021



хидробиология



история



геология



Българска Антарктическа База



1 декември Ден на Антарктика

РАЗКАЗВАЧИ:

Проф. дн Христо Пимпирев
Драгомир Матеев
гл. ас. д-р Стефан Велев
гл. ас. д-р Ралица Събева
доц. д-р Любомир Кендеров



Sofia Science Festival 2021

Collage: APECS



SOFIA
SCIENCE
FESTIVAL



СОФИЙСКИ
ФЕСТИВАЛ
НА НАУКАТА

15 – 16 май 2021 | София Тех Парк

17 – 18 май | дигитално за ученици

#SofiaSciFest





APECS Bulgaria activities

- Presentation of the first children's book on Bulgaria in Antarctica, 'Mission Antarctica' at the National Museum of Natural History, September 2021
- Photo exhibition with public lectures by five Antarctic scientists in celebration of Antarctica Day, December 2021
- Online presentation 'Antarctica: the cold south' with a quiz, jointly with the Bulgarian Centre for Nonprofit Law, for people with disabilities, May 2022

Българознайко



Полярна премиера на новата книга
от поредицата „Българознайко“ -
МИСИЯ АНТАРКТИДА

Национален
природонаучен музей
при БАН

бул. „Цар Освободител“ 1
4 етаж

18 септември 17 ч.

ВХОД СВОБОДЕН



Мисия Антарктида



Promoting Antarctica

Jubilee exhibition

The National Centre for Polar Studies and the Bulgarian Antarctic Institute held a public photo exhibition 'Bulgaria and Spain: Friends and neighbours in Antarctica' commemorating the 110th anniversary of diplomatic relations between the two countries, March 2021

ФОТОИЗЛОЖБА

България и Испания приятели и съседни в Антарктида



España y Bulgaria amigos y vecinos en Antártida

официално откриване - 8 март от 18,00 ч.

8-18 март 2021 г., Централно фоайе, Ректорат

(Софийски университет „Св. Кл. Охридски“, бул. Цар Освободител, 15)



Promoting Antarctica

- The Bulgarian Antarctic Institute co-organized a public presentation of the book 'Antarctic Cuisine' by Christo Pimpirev, Javier Cacho and Igljika Trifonova, October 2021
- Scientific seminar commemorating the 30th anniversary of Madrid Protocol was held at Aula Magna of Sofia University, December 2021
- The Bulgarian Antarctic Institute bestowed a jubilee medal '30th Bulgarian Antarctic Expedition' upon active participants in the expeditions and the building of St. Kliment Ohridski polar base, December 2021



SCAR 2028 events

The Bulgarian Antarctic Institute is to host SCAR's Open Science Conference and Biennial Meetings in 2028 in the cities of Sofia and Plovdiv, in concurrence with the 40th anniversary of the First Bulgarian Antarctic Expedition; bid approved by the XXXVII SCAR Delegates Meeting in September 2022



Photo
Dennis Jarvis



Photo: Martin 4830



Sofia Collage
Todor Bozhinov



Thank you!