



CONVENTION ON MIGRATORY SPECIES

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MEMORANDUM OF UNDERSTANDING CONCERNING CONSERVATION, RESTORATION AND SUSTAINABLE USE OF THE SAIGA ANTELOPE

FOURTH MEETING OF THE SIGNATORIES TO THE MEMORANDUM OF UNDERSTANDING CONCERNING CONSERVATION, RESTORATION AND SUSTAINABLE USE OF THE SAIGA ANTELOPE

Russian Federation, Online, 28 – 29 September 2021

REPORT ON MOU COORDINATION ACTIVITIES BY THE SAIGA CONSERVATION ALLIANCE, 2015-2021.

Summary:

This document outlines the activities of the Saiga Conservation Alliance as one of the two organizations that have provided technical coordination of the Saiga MOU in agreement with the decision of the Second Meeting of Signatories to Saiga MOU (MOS2). These include both activities paid for by the CMS Secretariat and other activities that the NGO has undertaken to support the communication and coordination among Saiga experts and Range States. A revision was issued to correct a mistake in table 2.1.

Action requested:

- Take note of the report
- Make any recommendations, if necessary

1. Aim of the coordination agreement

At their second Meeting in September 2010, Signatories of the MOU agreed that the technical coordination of the MOU would be provided by two NGOs: the Association for the Conservation of Biodiversity in Kazakhstan (ACBK) and the Saiga Conservation Alliance (SCA). Both organizations are working together to facilitate communication and information exchange between the saiga Range States in order to support implementation of the MOU.

The objective of the agreement is to draw upon the complementary experience, expertise and knowledge on best practice of both organizations. ACBK and SCA provide technical and logistical support for the coordination of the implementation of the Saiga MOU and its MTIWP through the following activities:

- a. Support to the CMS in technical and logistical matters, such as the preparation for Saiga MOU Signatory meetings and the organization of technical meetings and acting as focal points for the Central Asian Mammals Initiative.
- b. Development of mechanisms for broader communication between all interested parties, so that the results of saiga projects, and progress being made under the Saiga MOU is communicated to all, and a positive atmosphere of collaboration and work towards a joint goal can be fostered.
- c. A proactive approach to driving saiga conservation forward internationally, so that the Saiga MOU is not just being passively supported, but coordination has a positive effect in increasing Saiga conservation activities.
- d. Provision of technical advisory services for the Saiga MOU, including addressing daily Saiga MOU coordination questions from Saiga MOU stakeholders and other interested individuals.

Since the last CMS MOU meeting many of the activities carried out by the SCA have particular relevance to the priority actions on the MTIWP, we outline some of these activities in the following report.

2. Activities carried out under the coordination agreement

2.1 CMS-funded activities

Start and end dates	Award total	Activities	Results
01.06.2016 - 15.10.2016	\$15,000	<p>1) Preparation, translation and distribution of an emergency disease protocol document</p> <p>2) The funding of a Small Grants Programme under the auspices of the SCA</p>	<p>1) These Standard Operating Procedures (SOP) are meant to provide the framework for a coordinated reaction on disease outbreaks in wildlife, from the discovery of the outbreak to the final diagnosis and provision of information to the public.</p> <p>The SOP were produced as a result of two workshops in Kazakhstan in 2013, involving various veterinary authorities, ministries and researchers from Kazakhstan, and further developed in 2016. The SCA facilitated the SOP publication and contributed to the science underpinning them. Towards the end of 2016, the Association for the Conservation of Biodiversity of Kazakhstan compiled the final version, consisting of the main procedures and several annexes.</p> <p>English version: https://www.cms.int/sites/default/files/publication/SOP_wildlife_disease_reaction_Kazakhstan_complete_en.pdf</p> <p>Russian version: https://www.cms.int/sites/default/files/publication/SOP_wildlife_disease_reaction_Kazakhstan_complete_ru.pdf</p> <p>The SCA awarded grants to three projects implementing high-priority activities under the MTIWP:</p> <p>1) Bibigul Sarsenova, Chair of the Association 'Society and Environment', in the Republic of Kazakhstan, to review public attitudes to the challenge of conserving the Ural saiga population in Kazakhstan, which currently numbers around 70,000 animals.</p> <p>2) The Rangers of the Stepnoi Sanctuary in Russia to fund the erection of a small building within the reserve, which acts as a base for the rangers and also has facilities to accommodate visiting scientists, journalists and educational activities.</p> <p>3) A group from Kalmykia, Russia, led by Ekaterina Ochirova and Nadezhda Pyurvenova, developed a booklet called "Saiga - the Living Legacy of Our Ancestors". More information about the projects can be found here.</p>
15.04.2018 to 01.06.2018	Award total: \$10,000	<p>1) Raise awareness among general public and facilitate exchange of information on saiga conservation among Range States and other professionals</p>	<p>1) This funding allowed the SCA to hire a web developer to migrate the SRC website structure to Drupal 8, which is much for user-friendly, intuitive and easy to maintain, and allowed us to easily begin to update the website content, ensuring longevity of the site.</p>

Start and end dates	Award total	Activities	Results
		<p>through the Saiga Resource Center (SRC) website. This addressed MTIWP points 1.4, 5.3, 5.2, 5.4 and 6.7 of the CMS Mandate Saiga MOU MTIWP.</p> <p>2) Raise awareness and facilitate exchange of information through translation and distribution of Saiga News to new audiences. Corresponded to MTIWP points 1.4, 5.2 and particularly MTIWP point 5.4.</p>	<p>2) The funding allowed the SCA to translate Saiga News issue 23, adding a CMS logo and to distribute it in Chinese, Russian and Mongolian within the Range states, and additionally at the international Conservation Asia Conference in August 2018.</p>
<p>01.11.2020 to 30.04.2021</p>	<p>\$14,400</p>	<p>Assist the CMS to retain the services of a consultant who was able to carry out and oversee the following activities under resolution 11.24 (Rev.CoP13) The Central Asian Mammals Initiative (CAMI) and its Programme of Work 2021-2026, in particular activities 12.1 (Bukhara Deer MOU), 21.1 (Saiga MOU), 19.1 (Persian leopard), and Part IV. Implementation Support and the CAMI Newsletter.</p>	<p>For Saiga MOU, the consultant supported the preparation of the Saiga MOS4 meeting.</p>
<p>2020-21</p>	<p>€ 16,200.00</p>	<p>To lead the preparation of two reports for the Saiga MOU: “The Sustainable Use of Saiga Antelopes: Perspectives and Prospects” and “Overview Report on Saiga Conservation Status and MOU Implementation”</p>	<p>The Sustainable Use of Saiga Antelopes: Perspectives and Prospects.</p> <p>The SCA was appointed to lead the research and production of a report on the sustainable use of Saiga Antelopes. (draft MTIWP 2021-2025 point 3.10) This draft report was prepared as a follow-up on the Joint CMS CITES Technical Workshop under the Saiga MOU, which took place in April 2019 on the Isle of Vilm, Germany and produced a draft of the Medium-Term International Work Programme 2021-2025 for the Saiga Antelope. of the calls for research to be undertaken on the feasibility, conditions and requirements for sustainable use of specific populations of Saiga Antelopes. In accordance with this measure, the present report provides a foundation for exploring the potential use of Saiga and defines the pre-conditions which need to be fulfilled to ensure that such use would be sustainable.</p>

Start and end dates	Award total	Activities	Results
			<p>Overview Report on Saiga Conservation Status and MOU Implementation</p> <p>The SCA was appointed to create a report in behalf of the CMS drawn from and summarizing the information submitted in the National Reports of signatory states. In order to achieve this the SCA had to reach out to and coordinate information from a wide range of stakeholders, including governmental representatives, NGOs and academics. This report is currently being updated for the 2021 CMS MoU meeting in September 2021. (MTIWP points 1.8, 1.9)</p>

2.2 Enhancing stakeholder engagement:

The Saiga Resource Centre.

Since 2015 the SCA continues to host and manage the [Saiga Resource Centre website](#). (MTIWP 2016-2020 points 1.4, 5.2, 5.3, 5.4).

In 2015-16 we hired a web developer to work on technical aspects of the [Saiga Resource Centre website](#), to fix bugs and make updates to the technical functionality of the website. Work was carried out by web coders and planners to code new sections and to ensure content is present and fully searchable.

The site has been translated and is now fully accessible in: [Chinese](#), [English](#), [Kazakh](#) and [Russian](#).

We have updated and reviewed all areas of the website, and are constantly uploading new resources, such as images, scientific publications, reports and educational materials for both students and teachers.

On the SRC website the following resources can be accessed (listed in English only for ease, but replicated in all languages on mirrored sites):

- I. **Peer reviewed scientific papers, Thesis, Reports and other:** This section is fully searchable by Author, country, saiga population or subject matter.
 - a. **Peer Reviewed papers:** We now have 78 Saiga-related scientific publications listed on the website, each with an abstract and either available to download or as a link to the publication. <https://www.saigaresourcecentre.com/content/literature>
 - b. **Reports (and other):** We now have 25 Saiga-related reports listed on the website, each with an abstract and either available to download or as a link to the publication. <https://www.saigaresourcecentre.com/index.php/content/reports-and-other>
 - c. **Thesis archive:** We now have 15 PhD and Masters thesis, focussed on the saiga antelope uploaded to this section. <https://www.saigaresourcecentre.com/content/thesis-archive>

- II. **Saiga News section.** This publication, which is published twice per year is now available in digital format from the website. All 26 issues, (151 'magazines' including all languages; English, Russian, Kazakh, Chinese, Uzbek and Mongolian) dating from the first in Spring 2005 to the winter 200/21 version (We aim to upload the Autumn 2021 issue before the CMS meeting in September) can now be found on the website. Visitors can download the entire copy as a PDF, or search for and read individual articles from each publication. <https://www.saigaresourcecentre.com/content/saiga-news-magazine>
- III. **Experts section.** Visitors can easily find and contact an expert on any aspect of saiga conservation right across the range states: <https://www.saigaresourcecentre.com/content/experts>
- IV. **Our Projects.** Visitors can view a map of central Asia which pinpoints saiga conservation projects and gives the opportunity to find out more about each one: <https://www.saigaresourcecentre.com/content/map-projects>
- V. **Videos.** This section is fully searchable. It contains clips from award winning saiga cartoons drawn by children, educational clips on how to draw saigas to short documentaries and clips on catching saiga calves. <https://www.saigaresourcecentre.com/content/videos>
- VI. **Picture library.** Almost 200 photographs are searchable by population, country, photographer, subject and by keywords. It has proven popular with journalists looking for high resolution images of saigas. <https://www.saigaresourcecentre.com/content/pictures>
- VII. **Education section.** This section contains sections for children as well as for teachers and adults. We are always uploading new literature, booklets, activities, colouring sheets etc. in English, Russian, Kazakh, Mongolian and Chinese, which can both educate and entertain children. We have teamed up with artists such as Julius Csotonyi and groups such as Conservation Optimism to produce and distribute these resources. <https://www.saigaresourcecentre.com/content/educational-activities>
- VIII. **Background.** <https://www.saigaresourcecentre.com/content/background> In this section visitors can learn about saigas, their conservation status, background to the Saiga MoU and rationale for the site, as well as finding a section on Saiga Heroes. This section reflects the feature of the same from 'Saiga News'. Here we thank individuals and reflect on the great work they have done/are doing to protect saigas. <https://www.saigaresourcecentre.com/content/saiga-heroes>
- IX. **CMS.** <https://www.saigaresourcecentre.com/content/cms>. In this section we list the key documents and work toward the MoU. Uploading updates and reports, the action plan, progress towards the MTIWP and the MoU itself <https://www.saigaresourcecentre.com/content/cms>

Saiga News

Saiga News, the SCA's biannual bulletin in six languages (English, Russian, Chinese, Uzbek, Kazakh, Mongolian), (MTIWP points 1.4, 5.4) was developed as a service to all those working on saigas, including conservationists, governments and the public throughout the world, but particularly within the range states. This was in response to a perceived disconnect between in-country knowledge and actions and the decisions made in international forums. The aim was to build an international community of those working to conserve the saiga, using Saiga News to share information, opinions and expertise.

Saiga News is the authoritative source of information on saigas for a growing audience, publishing the results of saiga-related research and conservation initiatives and acting as an important forum for open public discussion on topical issues (e.g. the causes of the recent mass saiga deaths in Kazakhstan). It carries news items, articles, profiles of saiga heroes, project updates and press

reports and is published in six languages to ensure that it is widely accessible. The Editorial Board has representatives from all range states, China and the UK, and its wide readership ranges from schoolchildren in remote villages to government ministers. Saiga News helps people who would otherwise not be able to publish their work in an international journal to do so, to access information about what others are doing and to share best practice. All issues have been printed and distributed to key stakeholders within the range states and China, as well as being posted on our website and promoted via social media.

Since the last meeting in 2015 we have published the following eight issues, and we aim to publish issue 27 by the end of 2021. This will include a feature article about the CMS MOS4 meeting and its outcomes.

- [Saiga News - Issue 01, Spring 2005](#) (4 languages)
- [Saiga News – Issue 02, Winter 2005](#) (6 languages)
- [Saiga News - Issue 03, Spring 2006](#) (6 languages)
- [Saiga News - Issue 04, Winter 2006](#) (6 languages)
- [Saiga News - Issue 05, Spring 2007](#) (6 languages)
- [Saiga News - Issue 06, Winter 2007](#) (6 languages)
- [Saiga News - Issue 07, Summer 2008](#) (6 languages)
- [Saiga News - Issue 08, Winter 2008](#) (6 languages)
- [Saiga News - Issue 09, Summer 2009](#) (6 languages)
- [Saiga News - Issue 10, Winter 2009](#) (6 languages)
- [Saiga News - Issue 11, Summer 2010](#) (6 languages)
- [Saiga News - Issue 12, Winter 2010](#) (6 languages)
- [Saiga News - Issue 13, Summer 2011](#) (6 languages)
- [Saiga News - Issue 14, Winter 2011](#) (6 languages)
- [Saiga News - Issue 15, Summer 2012](#) (6 languages)
- [Saiga News - Issue 16, Spring 2013](#) (6 languages)
- [Saiga News - Issue 17, Winter 2013](#) (6 languages)
- [Saiga News - Issue 18, Summer 2014](#) (6 languages)
- [Saiga News - Issue 19, Summer 2015](#) (5 languages)
- [Saiga News – Issue 20, Winter 2015/Spring 2016](#) (6 languages)
- [Saiga News - Issue 21, Autumn 2016](#) (5 languages)
- [Saiga News - Issue 22, Autumn 2017](#) (6 languages)
- [Saiga News Issue 23 - Summer 2018](#) (6 languages)
- [Saiga News Issue 24 - Summer 2019](#) (6 languages)
- [Saiga News Issue 25 - Winter 2019/2020](#) (6 languages)
- [Saiga News Issue 26 - Winter 2020/2021](#) (6 languages)

Other Publications and reports: These were led, written or supported centrally by the SCA and relate directly to priority actions under the MTIWP.

1. Saiga antelope captive husbandry report (MTIWP points 9.4, 9.3)

On the 11th May 2016 the SCA supported Marc Enderby (a hoofstock keeper at the Highland Wildlife Park in Scotland, part of a larger organization, the Royal Zoological Society of Scotland), embarked on a journey to Russia and Kazakhstan. The aim was to travel to as many Saiga Antelope “captive breeding centres” or “breeding centres” as possible in the space of two weeks. Because of the distance to each of the captive breeding centres the total number visited was three, including a visit to a provincial nature reserve in the Astrakhan Oblast to observe wild saigas. The goal of the trip was to collect as much information as possible on the husbandry of Saiga and collate that information into a usable husbandry guide for all captive Saiga keepers. <https://www.saigaresourcecentre.com/literature/saiga-antelope-captive-husbandry-project> (also available in [Russian](#))

2. Report arising from a captive breeding workshop for saiga conservation. (MTIWP points 9.4, 9.3) (See below for information regard the meeting)

The International workshop on captive breeding for saiga conservation was co-hosted by the Saiga Conservation Alliance, San Diego Zoo Global and the Institute of Ecology and Evolution of the Russian Academy of Sciences, and took place over 28th-29th August 2017.

All documents shared at the event, the report and presentations made can be downloaded [here](#). They are also available in Russian from the mirrored Russian SRC site.

For more reports see Appendix I

2.3. Other awareness-raising activities (MTIWP points 5.2, 5.3, 5.4)

1. The SCA continues to carry out online awareness and outreach to multiple audiences, some donor-facing, others target children and adults both within and outside the range states, others reach the (scientific and conservation) saiga community. In addition to the [SRC website](#), the SCA also runs a [Saiga Conservation Alliance Website](#) (non-scientific, general public-facing website):.
2. The SCA is present on the following social media:
 - Twitter: @SaigaCA, continues to grow with 869 followers and regularly posts several times throughout the week.
 - Instagram: saiga_conservation, now has 1757 followers, this is proving to be popular as we often share stunning images captured in the field.
 - Facebook: @savesaigas now has over 3500 followers, with regular interactions, likes and fundraisers.

2.4. Meetings:

Joint CMS-CITES Technical Workshop under the MOU Concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope 01 Apr 2019 18:00 to 04 Apr 2019 13:00 Vilm. This workshop took place on 1-4 April 2019 at the International Academy for Nature Conservation (INA) on the Isle of Vilm, Germany. It was jointly organized by the Secretariats of the Convention on the Conservation of Migratory Species of Wild Animals (CMS) and the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) as well as the International Academy for Nature Conservation of the German Federal Agency for Nature Conservation (BfN INA) with funding from the German Ministry of the Environment, Nature Conservation and Nuclear Safety (BMU). The SCA supported the organisation of the event and took minutes and reporting documents during the event. Additionally, SCA members facilitated several ‘workshop’ sessions during the event.

CMS Side event on the success of CMS-CITES saiga MoU at the CITES meeting in Geneva, August 2019.

Participation by EJ Milner-Gulland as a speaker at this event, also provision of input and advice to parties about saiga conservation (including distributing copies of Saiga News to CITES delegates at both the CMS side event and the WCS side event about saigas) (MTIWP point 5.4)

International workshop on captive breeding for saiga conservation. (MTIWP points 9.4, 9.3)

The International workshop on captive breeding for saiga conservation was co-hosted by the Saiga Conservation Alliance, San Diego Zoo Global and the Institute of Ecology and Evolution of the Russian Academy of Sciences, took place over 28th-29th August 2017.

Delegates attended the two-day workshop which was held at the Institute of Ecology and Evolution of the Russian Academy of Sciences in Moscow, Russia, to discuss the practicalities of captive breeding for the Critically Endangered saiga antelope. A total of 30 participants attended representing each of the saiga range states and from across the globe. The workshop was interactive, with plenaries, working groups and knowledge-exchange sessions.

The primary objectives of the workshop were to determine how captive breeding can contribute to saiga conservation and how to improve captive breeding. All documents shared at the event, the report and presentations made can be downloaded [here](#). They are also available in Russian from the mirrored Russian SRC site.

CMS Saiga MOS3, 2015, Tashkent

Compilation of various reports for presentation at the MoS3, support for the facilitation and conduct and organisation of the meeting, and production of documentation arising from technical meetings at MOS3. These included the Overview Report and the Medium Term International Work Programme.

2.5. Grants and Awards:

The SCA has continued to run its award programmes, where **awards are allocated based on their ability to fulfil criteria set by the MTIWP.**

SCA Small Grants programme has been running since 2008. Applicants apply through a straightforward process with short forms in both English and Russian. The eligibility criteria requires projects to involve saigas in the wild and be related to the MTIWP. Grants are allocated in the range of US\$2,000 to US\$10,000, but this cannot be put towards salaries and the grants could not be used as matching or part funding. To date 34 projects in 5 countries, covering research, education and animal protection have been funded. The 2021 awards will be announced shortly.

SCA Young Conservation Leaders programme has been running since 2015. The SCA recognises that it is imperative to support the next generation of conservationists, and so with our Young Conservation Leaders award we aim to support aspiring conservationists (individuals or groups) with grants which allow them to carry out grass-roots conservation projects, and receive mentoring from SCA in-country partners. Applicants must be under 30 years of age and can apply as an individual or a group. To date we have supported 8 different groups/individuals in Kazakhstan, Mongolia, Russia and Uzbekistan. The 2021 awards will be announced shortly.

SCA Excellence in Saiga protection award is given to individuals or groups who have gone 'beyond the call of duty' in the protection and conservation of the species. It has been running since 2014 and has been awarded to 7 individuals/groups. However, in 2018 we raised additional funding and awarded funding to the rangers wounded whilst protecting saigas and sadly, to the families of rangers killed in active duty. The 2021 awards will be announced shortly.

2.6. Training and education (MTIWP: 5.2)

International Wildlife Academy for Environmental Educators

In 2018 we organized a workshop for environmental teachers and leaders of the Steppe Wildlife Clubs in Uzbekistan. The event brought together incredible teachers from across the saiga's range, as well as inspirational educators from San Diego Zoo Global. 28 People took part in the event, during which we spent 5 days in workshops and then travelled to the Aral sea. We organized 12 master classes targeting wildlife and saiga- related educational goals and tools (e.g. values of nature conservation, connection between people and wildlife, utilizing research technology in the classroom, global ambassadors for saigas to name a few). More here: <http://saiga-conservation.org/2018/01/26/international-environmental-education-day/>

Wildlife Academy for Environmental Educators

In 2017 we organized **teacher training** for environmental teachers and leaders of the Steppe Wildlife Clubs, 33 schools in total. Some other organizations apart from the SCA helped organize the event, including representatives of the Academy of Science, Uzbek Gas Corporation, the Ecological movement political party, the NGO Ekomaktab and the youth NGO "Kamalat". In December 2017 a regional teacher training 'Ecological Ball of Steppe Wildlife Clubs' was held in Kalmykia. This was a final event including annual presentation of leaders and members of all SWCs in Russia, discussion of future plans, music and awards.

Saiga Mural Painting Project (MTIWP: 5.2) <http://saiga-conservation.org/projects/saiga-mural/>

The Saiga Mural Painting Project is led by artist Rory McCann. Rory has the ambition to instil a love for nature and creativity in people. His mural works are carried out in partnership with young people and schools.

2014

In the spring of 2014, the Saiga Conservation Alliance collaborated with renowned British wildlife artist Rory McCann to work with local children in a town in rural Uzbekistan and create a striking mural in the center of town. The idea for the mural was developed by the children and centers around the theme "Our Wildlife, Our Home." The feature point of the mural is a stunning saiga antelope. The children worked with Rory to paint the many animals that live in the natural areas around them. More here: <http://saiga-conservation.org/2014/12/01/uzbek-mural-project-a-hit/> and video here: https://youtu.be/v8up_3OQTKI

2015

In 2015, McCann continued the saiga mural project with a new project, this time in the village of Karasu, Kazakhstan. It is so remote that it involves an overnight train and then 12 hours by van to reach from Astana, the capital city of Kazakhstan. The mural was created over eight days of work, and features 25 steppe animals. These include the white-headed duck, greater flamingo, little bustard, pallid harrier, steppe eagle, red fox, corsac fox, wild boar, and of course the saiga antelope. More here: <http://saiga-conservation.org/2015/05/06/an-artist-steppe-ing-out-by-rory-mccann/>

2016

In 2016, Rory went to Kalmykia, Russia, and inspired the next generation of young conservationists with another amazing mural. <http://saiga-conservation.org/2016/08/23/latest-sca-educational-mural-comes-to-kalmykia/> and video here: <https://youtu.be/eS-0uoIMTvg>

2017

Rory went to Mongolia to carry out his fourth mural and did some exciting work with local schools there. Read all about his exciting trip here. <http://saiga-conservation.org/2017/12/07/mongolian-saiga-mural/> and video here: <https://vimeo.com/244522428>

2.7. Appendix I

Reports coordinated or produced by the SCA central team distributed via the SRC:

- **A systematic survey of online trade: trade in Saiga antelope horn on Russian-language websites** D. Roberts, K. Mun, E.J. Milner-Gulland (2021).In which we highlight that saiga horn is being sold online in Russian-language websites, particularly in Russia, Ukraine and Belarus. <https://www.cambridge.org/core/journals/oryx/article/systematic-survey-of-online-trade-trade-in-saiga-antelope-horn-on-russianlanguage-websites/3422BF90210A106E383E199D0E5D56CE>
- **Saigas on the brink: Multidisciplinary analysis of the factors influencing mass mortality events.** Richard A. Kock, Mukhit Orynbayev, Sarah Robinson, Steffen Zuther, Navinder J. Singh, Wendy Beauvais, Eric R. Morgan, Aslan Kerimbayev, Sergei Khomenko, Henny M. Martineau, Rashida Rystaeva, Zamira Omarova, Sara Wolfs, Florent Hawotte, Julien Radoux , E.J. Milner-Gulland (2020) [https://advances.sciencemag.org/content/4/1/eaao2314.full \(pdf\)](https://advances.sciencemag.org/content/4/1/eaao2314.full.pdf)
- **Thoughts on the proposal to move Saiga tatarica from CITES Appendix II to Appendix I** Editorial in Saiga News by E.J. Milner-Gulland <https://www.saigaresourcecentre.com/literature/thoughts-proposal-move-saiga-tatarica-cites-appendix-ii-appendix-i>
- **Historical range, extirpation and prospects for reintroduction of Saiga in China.** In a paper published in Scientific Reports in 2017, we delineated the historical distribution and potential reintroduction areas of saigas in China, using a literature review, interviews and predictive modelling. <https://www.saigaresourcecentre.com/node/367>
- **Trialing the Theory of Change approach to impact evaluation in conservation using the Saiga Conservation Alliance’s work in Uzbekistan as a case study.** Kirsty Simkin (2020) <https://www.saigaresourcecentre.com/node/370>
- **Evaluating stakeholder perceptions towards the Saigachy Reserve.** Sonia Dhandu, E.J. Milner-Gulland, E. Bykova (2020) <https://www.saigaresourcecentre.com/node/323>
- **Understanding the Drivers of Illegal Saiga Consumption on the Uzbek Ustyurt.** Laura Kor, Mariya Gritsina, E. Bykova, C. Samuel, E.J. Milner-Gulland (2020) <https://www.saigaresourcecentre.com/literature/understanding-drivers-illegal-saiga-consumption-uzbek-ustyurt-0>
- **Saiga horn user characteristics, motivations, and purchasing behaviour in Singapore,** PLoS ONE Doughty H., E.J. Milner-Gulland et al. (2019) , [Read it here](#)
- **Field notes: Timely Response to Untimely Death A multidisciplinary effort is needed for multifactorial disasters.** Natural History. E.J. Milner-Gulland, R. Kock (2018) [\(pdf\)](#)
- **Exploring saiga horn consumption in Singapore,** Oryx, Meryl Theng, Jenny A. Glikman and E. J. Milner-Gulland (2018) [Read it here](#)
- **An overview of the saiga antelope (Saiga tatarica) in captivity in Europe and the United States.** Report by G. Glazer. <https://www.saigaresourcecentre.com/literature/overview-saiga-antelope-saiga-tatarica-captivity-europe-and-united-states>