





CONVENTION ON MIGRATORY SPECIES

MEMORANDUM OF UNDERSTANDING CONCERNING CONSERVATION, RESTORATION AND SUSTAINABLE USE OF THE SAIGA ANTELOPE UNEP/CMS/Saiga/MOS4/Doc.6

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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

DRAFT MEDIUM-TERM INTERNATIONAL WORK PROGRAMME FOR THE SAIGA ANTELOPE (2021-2025)

(To support the implementation of the Memorandum of Understanding concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (Saiga spp.) (Saiga MOU))

Summary:

At each Meeting of the Signatories to the Saiga MOU to date a Medium-Term International Work Programme (MTIWP) has been adopted for the next five years to support the implementation of the MOU and the associated Action Plan. The draft Medium-Term International Work Programme (2021-2025) was prepared at the Joint CMS-CITES Technical Workshop under the Saiga MOU with participation of all Signatory States, which took place in April 2019 on the Isle of Vilm, Germany. No major revisions of the draft MTIWP 2021-2025 are expected at the MOS4 meeting. Nevertheless, the meeting is recommended to examine the present document and to consider whether any adjustment is necessary to reflect the current situation.

Action requested:

- Review and endorse the MTIWP (2021-2025)
- Use MTIWP to guide decisions at national and international levels to ensure the conservation and sustainable use of Saiga Antelope.

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Background

- 1. Pursuant to paragraph 2, Signatories to the Memorandum of Understanding (MOU) concerning Conservation, Restoration and Sustainable Use of the Saiga Antelope (Saiga spp.) are to implement the provisions of the Action Plan as a basis for conserving all populations of Saiga spp.
- 2. At each Meeting of the Signatories to the Saiga MOU to date a Medium-Term International Work Programme (MTIWP) has been adopted for the next five years to support the implementation of the MOU and the Action Plan. The MTIWP is intended to focus the work and resources of the Range States, the consumer states, non-governmental organizations, as well as the saiga research and conservation community by agreeing areas of highest conservation concern that require urgent intervention. The MTIWP is further envisioned to form the basis for targeted fundraising nationally and internationally and should provide a guiding context for donor decisions.
- 3. The most recent MTIWP (2016-2020) was approved at the Third Meeting of the MOU Signatories (Tashkent, 2015) and has reached its end in 2020. The draft version of the MTIWP 2021-2025 was produced at the Joint CMS-CITES workshop in April 2019 with the input and official participation of all Signatories to the MOU as well as technical experts. It was originally planned to conduct MOS4 in 2020, where MTIWP 2021-2025 would have been adopted. However, MOS4 was postponed to 2021 due to the coronavirus pandemic.
- 4. Given the increase in Saiga numbers over the past two years, the CMS Secretariat gave the MOU Signatory States the opportunity to update the document in July 2021 but did not receive any corresponding feedback.
- 5. As all Signatories and main experts in the field have already contributed to the creation of this draft in 2019, no major revisions of the draft MTIWP 2021-2025 are expected at the MOS4 meeting. Nevertheless, the meeting is recommended to examine the present document and to consider whether any adjustment is necessary to reflect the current situation.

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Long-term vision: To restore saiga populations to the point that sustainable use can again be envisioned.

Overall goal: That all saiga populations show an increasing trend or their decline is halted over the next five years.

Achievement of this goal is to be assessed through a time-series of population estimates made using appropriate methods, accompanied by an estimate of the associated uncertainty.

	Measures to be taken	Urgency ¹	Timescale ²
	Range-wide measures		
1.0	Implementation		
1.1	Ensure that all saiga populations and the Range States have appropriate resources to implement the MOU.	1	А
1.2	Encourage all potential partner and cooperating organizations to support the CMS MOU by contributing to the implementation of the Medium-Term International Work Programme.	2	А
1.3	Encourage the saiga research and conservation community to regularly exchange project information and progress reports through the e-bulletin <i>Saiga News</i> and the online Saiga Resource Centre, facilitated by the organizations implementing the technical coordination of the CMS MOU.	2	А
1.4	Encourage all countries with an interest in saiga conservation, including trading, consumer and captive-population holding countries to engage with and support the CMS MOU.	2	А
1.5	Clarify phylogenetic relationships in the genus Saiga to inform the implementation of international conventions and facilitate appropriate action.	2	А
1.6	Develop national saiga conservation Action Plans, align them with NBSAPs and share them with others through the CMS Secretariat and the Saiga Resource Centre.	2	А
1.7	Encourage all Range States that are Parties to CMS or CITES to participate in the National Legislation Programme of CMS and, as appropriate, the National Legislation Project of CITES.	2	А
1.8	Encourage Range States, relevant end-user countries and the conservation community to engage with the CMS MOU and its coordination mechanism, including reporting to CMS, CITES and the Saiga Resource Centre, to support implementation.	3	А

Urgency: 1 - Urgent (crucial for preventing population extirpation). 2 - Important (necessary for stabilisation of numbers). 3 - Useful (will contribute to population restoration). Timescale: A - Immediate (1-2 years). B - Medium-term (5 years).

	Measures to be taken	Urgency ¹	Timescale ²
1.9	Encourage national CMS MOU contact points and CITES Management Authorities, responsible for liaison with counterparts in other range States and cooperating organizations, to exchange information and technical expertise on saiga conservation.	3	А
1.10	Encourage all saiga antelope Range and consumer States to join CITES and CMS.	1	В
1.11	Coordinate conservation efforts and promote cooperation between all stakeholders in the saiga range.	2	В
1.12	Encourage Range States, China and other consumer countries, to conclude and implement bilateral cooperative agreements on matters of mutual interest to support the MOU's implementation.	2	В
1.13	Encourage Range States to coordinate their research and monitoring efforts in order to maximize the synergies between them, where appropriate using standardized, comparable, internationally recognized methods.	2	В
2.0	Anti-poaching		
2.1	Develop and, if necessary, update national anti-poaching strategies, with a focus at the population level in order to maximize effectiveness of patrol deployment and intelligence-gathering.	1	А
2.2	Strengthen anti-poaching units and where needed establish more, for the protection of all saiga populations in all Range States, including where appropriate complementing state anti-poaching units with voluntary rangers from local communities.	1	А
2.3	Enable protocols and agreements between relevant Range States to be applied at the operational level, by supporting and facilitating transboundary exchange and communication between enforcement officers and rangers to strengthen protection of saigas across shared borders.	2	A
2.4	Strengthen national capacity and legislation, where appropriate, to support improvements in detection, processing and prosecution of offenders, including measures to avoid conflicts of interest.	2	А
2.5	Improve the prestige, capacity, social security and coordination of, and provide relevant training for, local and national law enforcement and nature protection officers and other officials, at all levels, where appropriate.	2	А
2.6	Improve legal protection of informants who provide information about poaching incidents.	2	Α
2.7	Monitor and measure anti-poaching efforts and impacts, and use these analyses to inform improved anti-poaching strategies.	2	В
3.0	Sustainable use and trade		
3.1	Encourage research aiming to understand and reduce the demand for and quantity of saiga horn used in traditional Asian medicines, including market surveys, both on the ground and online, in Range States, consumer and trading countries.	1	А
3.2	Ensure that all Range States, and saiga trading and consumer countries, make saiga conservation and trade issues a priority and allocate funding for the implementation of the MOU and its Medium-Term International Work Programme.	1	А
3.3	Encourage Range States and saiga trading and consumer countries to comply with CITES decisions and recommendations relevant to saiga antelopes.	2	А

	Measures to be taken	Urgency ¹	Timescale ²
3.4	Encourage all Range States, and saiga trading and consuming countries to report seizures or confiscations through appropriate channels as part of annual reporting to CITES and Interpol and encourage trading partners to do the same.	2	А
3.5	Encourage all Range States that are Parties to CITES to achieve a Category 1 rating for their CITES implementing legislation.	2	А
3.6	Encourage countries trading in saiga parts and derivatives to establish internal market controls e.g. through registration, control and monitoring of stockpiles; labelling of parts and products; registration of manufacturers and traders; and verifying the source and legality of saiga products in trade, learning from experiences with marking and identification of saiga parts and derivatives in China.	2	А
3.7	Seek opportunities for training and cross-border cooperation in CITES implementation, identification of saiga products and techniques for countering illegal trade.	2	А
3.8	Improve collaboration amongst Range States to halt illegal trade in saiga parts and derivatives by further harmonizing legislation and strengthening its implementation (including work with judiciary and prosecutors) and enhancing cross-border enforcement and training.	2	A
3.9	Encourage cooperation between in-situ conservationists and the Asian medicine industry for promotion of saiga conservation, restoration and sustainable use, including information sharing and financial support.	2	В
3.10	Initiate research on the feasibility, conditions and requirements for sustainable use of specific populations of saiga antelopes, taking into consideration all relevant factors including disease and mass mortality events, sustainable harvest levels, population thresholds, demographic structure of populations, socioeconomic aspects, compliance with CITES regulations (e.g. Non-Detriment Findings), capacity to monitor and control utilisation and trade, and ability to identify and trace saiga derivatives in trade.	2	В
4.0	Work with local people		
4.1	Strengthen the involvement of different stakeholders in saiga conservation, and encourage local involvement in, and support for, saiga protection.	1	А
4.2	Monitor attitudes of local people towards saiga conservation activities and threats to saiga, using local-level social research including participatory community monitoring.	2	А
4.3	Recognize and encourage responsible behaviour by external stakeholders in the saiga range, including border guards, industry employees and managers in order to prevent negative impacts on the saiga population, either directly or through relationships with local communities.	2	А
4.4	Promote sustainable rangeland use to enable the cohabitation of people, livestock and saiga antelopes.	2	А
4.5	Expand current incentive-based and conservation-linked livelihood-improvement projects and develop new programmes in all appropriate parts of the saiga range.	2	А
4.6	Ensure that CMS National Contact Points take human factors and the needs and awareness of local people into account when developing and implementing saiga conservation measures.	2	В

	Measures to be taken	Urgency ¹	Timescale ²
4.7	Build on pilot projects for saiga-based tourism and, where appropriate, promote this as a useful approach to increase local engagement in conservation, and create incentives for local people to conserve saiga antelopes.	2	В
4.8	Explore options for a potential future sustainable use system with involvement of local people from the start, ensuring that benefits are created to incentivize local people to conserve saiga antelopes.	2	В
5.0	Awareness		
5.1	Develop and implement awareness-raising and training activities, and promote the dissemination of best practice examples, information materials, and workshop outputs for professional stakeholders involved in controlling illegal use of saiga.	1	A
5.2	Develop and implement awareness-raising campaigns for investors, companies and governments in Range States and elsewhere, whose activities, or the activities of whose employees, could negatively impact on saiga conservation.	2	A
5.3	Ensure local communities within the saiga range remain aware of the conservation and legal status of saigas.	2	А
5.4	Continue to develop, update and widely implement a range of educational activities and materials on saiga ecology and conservation for children in Range States.	2	В
5.5	Develop and implement awareness raising and behaviour change campaigns to reduce demand for saiga products in consumer countries.	2	В
5.6	Develop and widely implement awareness-raising campaigns, through all relevant media, to raise the profile of saigas at local, national and international levels.	2	В
5.7	Support and regularly update existing websites about saiga conservation, restoration and sustainable use, including the maintenance of the official CMS Saiga MOU website and the online Saiga Resource Centre.	2	В
5.8	Expand the distribution and profile of Saiga News, both in hard copy and in electronic version, at local level and through other national and international media.	2	В
5.9	Monitor the effectiveness of awareness-raising campaigns in changing the behaviour of relevant groups towards better saiga conservation.	2	В
6.0	Habitat and environmental factors		
6.1	Remove or mitigate barriers to saiga movement (fences, roads, railways and other linear infrastructure) in line with CMS guidelines on Mitigating the Impact of Linear Infrastructure and Related Disturbance on Mammals in Central Asia (Resolution 11.24) and internationally recognized standards IFC1 and IFC6.	1	A
6.2	Encourage government authorities, investors and developers to ensure that all proposed infrastructural, natural resource extraction, and other developments likely to impact saiga and its habitat are subject to a full Social and Environmental Impact Assessment (SEIA) and/or Strategic Environmental Assessment (SEA), following international best practice.	1	A

	Measures to be taken	Urgency ¹	Timescale ²
6.3	Collate and analyse information on saiga habitat and range use, present and past; identify key features, including habitat types used and the effects of anthropogenic factors, including climate change.	1	В
6.4	Analyse scenarios of likely future change in saiga distribution, range use, abundance, demography and threats in the light of climate change, infrastructure and other human factors, and recommend responses accordingly, through revisions to the MTIWP.	2	В
6.5	Facilitate exchange of data on saiga and saiga habitat among range states and stakeholders, using the Saiga Resource Centre if appropriate.	2	В
6.6	Develop integrated rangeland management plans including resource partitioning for key saiga sites.	2	В
7.0	Protected areas		
7.1	Enhance national protected area networks to benefit saiga, with particular emphasis on protecting key areas (birthing and rutting) and migration corridors, based on the recommendations from 6.3.	2	В
7.2	Establish and promote international cooperation in important transboundary saiga landscapes and where appropriate develop transboundary protected areas.	2	В
8.0	Population monitoring		
8.1	Carry out annual population surveys using appropriate methods, including modern non-invasive techniques, in order to obtain time series for all populations that have adequate power to detect whether the MOU goals have been met.	1	А
8.2	Carry out research on saiga movement and migration using appropriate technology (including satellite tracking and remote sensing), with a particular focus on improving understanding of the impacts of infrastructure developments and climate change, and environmental and land use change.	1	A
8.3	Review different monitoring techniques, and adopt 'best practice' methodologies for producing reliable estimates of saiga populations, including identifying appropriate sample sizes, timing, and frequency of counts to provide reliable baseline population data.	2	А
8.4	Carry out training and build capacity for biological sampling, transportation, storage and clinical diagnostics for researchers and government staff at all levels.	2	А
8.5	Develop and expand programmes of monitoring of saiga in collaboration with local people.	2	Α
8.6	Carry out inter-disciplinary research on the health of saiga and other relevant species (including livestock) to inform mitigation, control, action and timely reporting of the health status of saiga and disease outbreaks or mass mortality episodes to the appropriate national and international authorities, the public and researchers.	1	В
8.7	Develop programmes for long-term monitoring of environmental factors and biological sampling from individual animals, including saiga, livestock and other wildlife (including potential disease vectors).	1	В

	Measures to be taken	Urgency ¹	Timescale ²
8.8	Carry out scientific monitoring of saiga populations, their demographic parameters, and their wider environment, including trends in sex ratio, mortality patterns, reproductive success, age structure, genetics, predators and competitors, in the context of environmental and land use change.	2	В
8.9	Provide training in standard monitoring techniques as appropriate and disseminate methods through publications and the Saiga Resource Centre.	2	В
8.10	Encourage use of comparable techniques and reporting standards in all Range States, data and report sharing where possible, and joint analysis in the case of transboundary populations.	2	В
9.0	Captive breeding		
9.1	Establish a registry of captive breeding facilities, with details on their purpose, the number of saigas held in captivity and their origin.	2	А
9.2	Promote the exchange of expertise in captive breeding, including study tours between captive breeding centres.	2	А
9.3	Support existing facilities in the Russian Federation, Kazakhstan, China and Ukraine and encourage them to follow established IUCN and WAZA guidelines and best practice for captive breeding and reintroduction.	2	А
9.4	Take into account the results of the international workshop on captive breeding for saiga conservation, held in Moscow in 2017.	2	А
9.5	Encourage research into behaviour, feeding, disease and other topics, using the ex situ populations.	2	В
9.6	Promote research to address challenges in the captive breeding of saiga antelopes, taking account of existing experiences and advice [see 9.5], and develop best practices guidance for saiga husbandry, management and transport.	2	В
9.7	Assess the feasibility of establishing captive breeding and reintroduction facilities in Mongolia, Uzbekistan or other parts of the present or former saiga range.	2	В
10.0	Health and disease		
10.1	Create national wildlife disease surveillance schemes for saiga antelopes, which include passive monitoring and standard operating procedures for disease outbreaks and encourage governments to adopt these for other wildlife species as well.	1	А
10.2	Promote specific interventions to reduce risk of exposure and encourage elimination of Peste des Petits Ruminants virus from livestock populations sharing saiga habitat and in saiga regions through comprehensive/systematic livestock vaccination (through the global PPR eradication programme coordinated by FAO / OIE and national veterinary authorities).	1	А
10.3	Encourage further collaboration on haemorrhagic septicaemia research between governments and researchers across Range States and with international institutions.	1	А
10.4	Create an international working group on diseases affecting or threatening saiga across its range.	2	А
10.5	Raise awareness of health and saiga-relevant disease in saiga, other wildlife and livestock among stakeholders throughout the saiga range, including veterinarians, government agencies, rangers, local communities and researchers.	2	В

	Measures to be taken	Urgency ¹	Timescale ²
10.6	Encourage cooperation and communication transparency among technical health agencies on disease research results in free-ranging and captive saiga.	2	В
10.7	Monitor and control the disease risk to saiga associated with cross-border movement of livestock, their products and derivatives.	2	А
10.8	Carry out general health research on saiga, including regular monitoring of mortality such as during field missions at calving sites.	2	В
	Population-specific measures		
11.0	North-West Pre-Caspian region population		
11.1	Improve the function and effectiveness of law enforcement and anti-poaching activities, using modern methods.	1	Α
11.2	Prioritise the implementation of a programme of saiga research, on issues including the current distribution, migration routes, population structure, genetic variation, habitat assessment and monitoring methods.	1	А
11.3	Conduct regular, scientifically robust, assessments of saiga population abundance and distributions, using non-invasive methods.	1	Α
11.4	Improve engagement of local people with saiga conservation through participatory monitoring, education and sustainable livelihoods.	1	Α
11.5	Work with local and federal authorities and protected area managers to support the effective functioning of federal and regional protected areas located in the saiga range, taking into account the current situation, and future environmental change and population shifts.	1	А
11.6	Implement appropriate methodologies for non-invasive monitoring of saiga, including for censuses, evaluation of population structure and habitats, as well as the impact of predators.	1	В
11.7	Implement a long-term programme and action plan to restore and protect the population.	1	В
11.8	Support the effective implementation of the Working Group under the Ministry of Natural Resources of the Russian Federation on saiga conservation and research.	2	В
11.9	Continue and expand public participation in restoration and protection of saiga, through visitor centres, education and awareness-raising.	2	В
11.10	Improve the institutional capacity and effectiveness of the national and regional authorities responsible for saiga management, and strengthen their links with the CMS contact point, CITES Management Authority and other administrative units of the Russian Federation and internationally.	2	В
11.11	Ensure that ecologically sensitive tourism is carried out without disturbing saiga and while supporting saiga conservation with funding and resources.	2	В

	Measures to be taken	Urgency ¹	Timescale ²
12.0	Ural population		
12.1	Improve anti-poaching activities through close cooperation between wildlife protection services and other law enforcement agencies, involving local people.	1	А
12.2	Carry out research into the factors predisposing the population to mass mortality from disease including transmissible diseases from livestock, and implement mitigating measures based on the findings.	1	А
12.3	Implement measures to eliminate the negative impact of international border barriers on migrating saiga.	1	А
12.4	Strengthen public awareness and engagement activities, including particularly with respect to conservation value of saiga and disease control.	1	А
12.5	Conduct ongoing monitoring of saiga distribution, population structure and threats, and share these data for conservation planning, taking into account the trans-boundary nature of the population.	2	В
12.6	Strengthen cooperation between Russia and Kazakhstan for management of this transboundary population in the framework of existing and planned agreements.	2	В
13.0	Ustiurt population		
13.1	Strengthen anti-poaching activity in Kazakhstan and Uzbekistan, including, where possible, the involvement of voluntary rangers from local communities and community-based NGOs, national and transboundary cooperation between relevant agencies such as inspectors, border guards, customs officers and police.	1	A
13.2	Make special efforts to build cooperation at the operational level between (currently) Kazakhstan and Uzbekistan to ensure effective anti-poaching and conservation actions for this transboundary landscape.	1	A
13.3	Support the recently reorganised Saigachiy Reserve and other PAs in Ustyurt and consider expanding the protected area network, respecting ecological connectivity and ensuring support and engagement of local people	1	А
13.4	Based on 6.1 and 6.2, require developers to carry out mitigation measures to minimise the impact of barriers to movement on the population, particularly the Kazakhstan-Uzbekistan border fence and the railway, as well as disturbance from infrastructure and other industrial development activities. Existing infrastructure, such as the railway, should be adapted to allow saiga to cross.	1	A
13.5	Continue research on the seasonal distribution and numbers of saiga and the status of their habitat, with a particular emphasis on the role of infrastructure and border fencing in constraining movement, and on the locations of, abundance, and threats to resident populations.	1	А
13.6	Encourage local communities and civil society organizations to support conservation activities on the Ustiurt Plateau, ensuring that local people have the opportunity to participate in, and to obtain benefits from conservation.	1	А
13.7	Develop and expand education and awareness raising, as well as community engagement and conservation-related incomegenerating enterprises.	2	А

	Measures to be taken	Urgency ¹	Timescale ²
13.8	Restore the ecological connectivity of Ustiurt as a transboundary landscape.	1	В
13.9	Strengthen the implementation of the existing bilateral and/or trilateral cooperation agreements between Kazakhstan, Uzbekistan and Turkmenistan to ensure coordinated action to implement the agreements.	2	В
14.0	Betpak-Dala population		
14.1	Strengthen anti-poaching efforts, targeting areas where saiga antelopes are particularly vulnerable, through close cooperation of wildlife protection services and other law enforcement agencies, and involving local communities where appropriate.	1	А
14.2	Ensure that transport and infrastructural development is carried out while applying the mitigation hierarchy and following the principles in 6.1 and 6.2, to ensure minimal negative impact to saiga conservation.	1	А
14.3	Continue and extend the monitoring of the health status of the population, especially at calving time.	1	А
14.4	Implement measures to eliminate the negative impact of international border barriers on migrating saigas.	2	А
14.5	Develop and implement a long-term research programme on saiga diseases including national and international expertise, and communicate results to local people and rangers as well as to the general public nationally and internationally.	1	В
14.6	Conduct public engagement activities, awareness-raising and community involvement in saiga conservation in key areas.	2	В
14.7	Support effective management of protected areas and develop ecological corridors to ensure that the protected area network is relevant to the saiga's current and particularly its future needs, including in the light of climate change, agricultural and infrastructural development.	2	В
14.8	Extend the agreement between Kazakhstan and the Russian Federation on the conservation of the Ural saiga population to include the Betpak-Dala population.	2	В
15.0	Mongolia population		
15.1	Enhance the protected area network by identifying new sites or upgrading existing sites, where appropriate.	1	Α
15.2	Strengthen local engagement in saiga conservation and reduce conflict through livelihood enhancement and public awareness activities, including community rangers, educational initiatives and ecotourism.	1	А
15.3	Disseminate appropriate and clear information among local communities on wildlife diseases (the risk of spillover from livestock to saiga antelope) and the guidelines to report diseases to animal health authorities.	1	А
15.4	Continue research into the seasonal saiga distribution, with updated information on range, movement, reproduction, genetics and mortality, in order to inform conservation planning, with a particular emphasis on grazing overlap, competition, saiga health and disease transmission between saiga and livestock.	1	A
15.5	Continue to apply and improve the current standardised, robust approaches to population monitoring, in order to monitor population trends.	1	А

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	Measures to be taken	Urgency ¹	Timescale ²
15.6	Carry out genetic research on Mongolian saiga using the latest technology, in order to ascertain its phylogenetic relationship to other saiga populations.	1	А
15.7	Encourage animal health authorities to vaccinate livestock in the saiga range against PPR to control the risk of transmission to susceptible wildlife.	1	А
15.8	Strengthen the capacity of law enforcement agencies to combat the illegal trade in saiga derivatives.	1	А
15.9	Strengthen protection, including adequate funding for anti-poaching patrols and effective protected area management.	1	В
15.10	Establish a facility to support reintroduction into historical parts of the range and ensure that the genetic diversity of the population is preserved, using best practice under IUCN guidelines.	1	В
15.11	Continue research into emerging threats including possible impacts of infrastructure, mining, climate change and disease, in order to inform conservation planning and mitigation.	2	В