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EDITORIAL

Gentlemen of the World Leaders, make Agriculture not war

The war launched by Russia against Ukraine will most likely lead the world into a situation of deep and lasting food instability ([FAO 2022](#)).

The first immediate effect is that of the cessation of exports of cereals, plant and animal products from the ports of the Black Sea and the Sea of Azov, due to the blocking of port facilities. In the short term, the circulation of these food products, whether intended for human or animal consumption, is therefore seriously disrupted for the whole of world trade. Some countries, large consumers of Ukrainian cereals, find themselves forced to turn to other producers and to suffer sudden and significant price increases, or even to reduce their imports and, therefore, their consumption. This blocking of Ukrainian agricultural exports is therefore a very important factor of instability which could lead to new “hunger riots” in countries where cereals imported and processed at reasonable cost constitute the basis of human consumption. It is not at all certain that the other world producers of the same products can replace Ukraine, even temporarily, to compensate for the loss of its exports to the requesting countries, generally located among the poorest on the planet. It is therefore a direct effect on world food security that we will witness in the coming weeks if, which is now unlikely, exports are not resumed quickly from the Ukrainian ports of the Black Sea and the Azov Sea. This break of exports will undoubtedly also lead to an immediate break of certain animal productions, such as poultry or pigs, for example, which consume large quantities of cereals. Further, farmers will not be able to support an increase in the cost of animal feed which represents more than 60 % of the costs of these farms. It is in developing countries that this animal production has made it possible, for more than thirty years, to cover the protein needs of the generally rapidly growing human population. Without poultry and pigs, it would probably have been impossible to develop animal production locally to meet these needs. Thus, as in industrialized countries, the globalization of trade in the staple foods under pinning local production of pigs and chickens in developing countries is now facing unprecedented disruptions and threatens the progress that has been made in food security in these countries.

... Continues

Editorial (continues)

It is indeed the very strong disruption of this globalization of trade since last February 24, which is likely to call into question many production systems throughout the world, even if the conflict seems physically limited to the east of Europe. But the blocking of Ukrainian ports is certainly not, unfortunately, the only effect of this war on trade and agriculture. In the medium term, in fact, the probable paralysis of Ukraine over the next few months will undoubtedly lead to considerable difficulties in sowing agricultural land. Farmers, if they can however be active and are not mobilized to defend themselves, will lack fuel and spare parts for their tractors, the supply of seeds and fertilizers will be extremely difficult. The subsequent phytosanitary treatments as well as the summer harvest and its marketing will not be easy. As the harvest has declined, priority will be given to national supply rather than export. It is therefore very likely that the halt in exports at the start of the year will continue for several months, or even several years if the current situation were to worsen further, which seems to be on the way. In the long term, whatever situation exists after the war, the two direct belligerents will certainly not restore a harmonious situation of trade where their complementarities could have been fully expressed. However, these two countries have tremendous assets in terms of agriculture and food and it is absolutely sad to see these not only unused but also deteriorated for many years. Ukraine has been known, since the dawn of time, as one of the most fertile lands on the planet, like certain parts of Western Europe, the South American Pampas or the American West. This Ukrainian breadbasket could still be, for many years, one of the fertile territories where we can combine both high productivity and respect for the soil where cereals with high nutritional value are produced. Russia could, in close partnership with their Ukrainian neighbours and cousins, take advantage of these characteristics to jointly innovate and develop new agricultural production techniques, respectful of the environment, capable of storing carbon in the Chernoziums and develop a global model to provide

solutions to the climate crisis which is besetting it and overwhelming the world.

Fortunately, no war lasts forever, and one can imagine that, like what has happened since the Second World War in Western Europe, trade between democratic countries can be based on harmonious agricultural development, at the service of consumers concerned about healthy eating and at reasonable costs for the planet and its wealth. The formidable tool represented by the common agricultural policy of the European Union, which directs the financial investment of member countries in the agriculture of the future, could be imitated by Russia, Ukraine, and the neighbouring countries within the framework of a union for peace and development. In the same way, the major successive framework programs of the EU, which finance research and development in all fields, including agriculture and food, are extraordinary tools for the exchange of knowledge and factors of economic and social progress. I have absolutely no doubt that if only a third of the military expenditure of these countries in Eastern Europe and perhaps beyond, were used for the development of innovations in the field of sustainable agriculture, they could contribute not only to resolving the conflicts between them for a long time, but they could also become countries exporting agricultural advancements and agricultural products useful to the rest of the world. Redirecting military spending towards agriculture, from agronomic research to rural development, including feeding their fellow citizens, would also be a factor of peace between peoples. By design, the results of military research are secret and are only subject to limited exchanges; the use of these innovations is destructive of goods and systems. In contrast, the passage from invention to innovation in the agricultural field is in the public domain, requires a broad sharing between actors and is constructive in value. Throughout the world, no agricultural development is done in secret but is widely shared which leads to its success. One could even imagine that a good part of the innovations currently used for military acts, such as detecting enemies using infra-red devices or optimizing locations in space and time, could be reoriented in agriculture for the detection of pests, a better distribution of fertilizers

or phytosanitary treatments. My vision is undoubtedly utopian, and I know that most of those who are directly concerned with the disastrous, sometimes life-threatening, consequences of Russia's attack on Ukraine, will think that I am a die-hard optimist. To these, I would like to showcase the example of 80 years of peace between Germany, France, Great Britain and the rest of Western Europe. There were certainly more differences between these different peoples in 1939 than there were between the Ukrainian people and the Russian people on February 24th.

“The best way to get rid of your enemies is to make friends with them” goes a popular saying. This is what our grandfathers did in Europe in 1945. If they started with the Coal and Steel Community, they very quickly created the European Common Agricultural Policy in 1957, which greatly contributed to the most 80 years of peace in which we have been aiming ever since. So please, People of the World, make agriculture not war!

Philippe Chemineau
WAAP President
@ChemineauPh
<https://www.waap.it/>

From WAAP Members

We are glad to announce that a new **WAAP platform** has been created for our member organisations.

Each member has an online account protected by a password that can be accessed on the [WAAP website](#).

The account can be currently used to:

- share news/information to be published on the WAAP newsletter
- find the latest issues of WAAP and EAAP (European Federation of Animal Science) newsletters
- share the newsletter of the member organisations
- consult and update events section informing about the animal science conferences all around the world
- pay the membership fees online with a credit card

We invite all members to keep the accounts active and share information to the WAAP community!

Australian Association of Animal Sciences (AAAS)

AAA News



The 34th AAAS Conference in Cairns

The [Australian Association of Animal Sciences \(AAAS\)](#) will organize in Cairns the 34th AAAS Conference: “Anchoring knowledge, exploring the animal science ecosystems”. The 2022 AAAS conference program is being thoughtfully prepared entice innovation and blue-sky thinking, and to pull our knowledge and expertise together to make our science impactful to all animal industries. The conference will not only deal with the cutting edge of animal science, but also to help shape the future direction of agricultural and ecological services. For further information, please [visit the website](#).

American Dairy Science Association® (ADSA®)

ADSA News



DSA 2022 congress meeting in Kansas City, Missouri, from 19th-22nd June will be an in-person meeting

The [2022 ADSA Annual Meeting](#) will feature 70 scientific sessions with more than 1,150 abstracts

for oral and poster presentations, and 30 symposia, platform sessions and workshops that will enable in-depth discussion of the latest scientific findings and dairy sector issues on a global platform. The meeting begins on Sunday, June 19, with scientific sessions from Monday morning (June 20) through Wednesday afternoon (June 22). Preconference events that will take place Sunday (June 19) include the ADSA Graduate Student Workshop on Science Communication, and the Dairy Records Management Workshop. During the main conference, science takes center stage, with many symposia and platform sessions.



For those participating virtually, in addition to viewing live symposia presentations and recorded abstract presentations, there will be late-night and early-morning roundtables on Monday (June 20) and Tuesday (June 21). On Friday (June 24), we will also be hosting online live conversations and text chats with virtual presenters for general oral and poster sessions.

[Visit the website](#) for the 2022 ADSA Annual Meeting for further information



[The 43rd Discover Conference- Dairy Cattle Reproduction: Lessons Learned and Future Frontiers](#)

ADSA Discover Conference Series is pleased to return to a fully in-person conference from May 31st to June 3rd, 2022

Conference Topics include:

- Translating basic biology into novel reproductive management strategies;
- Promoting reproductive success through Improved health and nutrition;
- Data assisted reproductive management and automation;
- New frontiers in genetics and ARTs (Assisted Reproductive Technologies);
- The future of reproduction in dairy farming in a changing world;

To view complete conference information [Click Here](#).

American Society of Animal Science (ASAS)

ASAS News



AMERICAN SOCIETY OF ANIMAL SCIENCE

In Oklahoma for the ASAS Annual Meeting



The 2022 [American Society of Animal Science Annual Meeting](#) will take place at the Oklahoma City Convention Centre on June 26th-30th, 2022. Oklahoma is in the centre of the U.S.A. and is

easy to get to no matter where attendees are coming from. The convention centre is just steps away from a number of restaurants, entertainment and attractions, everything you need for a great experience

For further information about the 2022 Annual Meeting, please [visit the webpage](#).

European Federation of Animal Science (EAAP)

EAAP News



The series of successful EAAP webinars continues!

The [EAAP Webinar](#) series continues to be organized monthly to inform, update, disseminate with high profile speakers the EAAP individual members. The recent 11th EAAP Webinar titled “Feeding the Green Deal: Specialty Feed Ingredients’ Contribution to Environmental Sustainability” organized with the support of [FEFANA](#), had 406 registered participants and 239 who really attended. It was a very large and qualified audience by considering the many interesting questions were asked to presenters. The recorded video of the webinar is already available for all EAAP individual members on the EAAP website. Next EAAP webinar will be held on Thursday, May 10th, titled “Shearing & animal welfare: demanded by consumers, but are we prepared?”. Registrations are already open on the dedicated [EAAP webinars’ webpage](#).

Wageningen Academic Publishers joins the Brill family

Exactly 20 years ago, Wageningen Academic Publishers (WAP) was started by Mike Jacobs, Enrico Kunst and Dineke van den Biezenbos. Twenty years in which WAP published hundreds of books and started several new journals from scratch and has cooperated with EAAP for publishing books and the Annual Meeting Books of Abstracts. The cooperation was always satisfactory and successful. Just few days ago the Brill family, also with a long tradition in the publication industry, acquired WAP. EAAP wishes all the best to WAP for the new challenge and is looking to continue the successful cooperation with WAP even after the Brill family acquisition. For more information read the [Press Release](#) here.

Latin American Association of Animal Production (ALPA)

ALPA News



The next **XXVII ALPA meeting** will be in February/March 2023 in conjunction with the Mexican Association of Animal Production. The meeting will be in the city of Zacatecas under the auspices of the Autonomous University of Zacatecas. Stay tuned for the dates.

ALPA has created a new magazine dedicated to producers. The magazine will disclose articles of technical content. The magazine will be titled **ALPA en el Campo**. The Editor of the magazine is a recognized and distinguished member of our Association, former president of ALPA: Hugo Petrocelli and will be accompanied by Ivana Varea as assistant editor. In this sense, we encourage and

invite you to submit your contributions to the following email address: alpa.eec@alpa.uy

The Editor-in-Chief of ALPA's Journal of **Latin American Archives of Animal Production**, Dr. Ali Saadoun, vacated his position. Ali began in 2011 supporting the journal as Assistant Editor and from 2018 onwards he served as Editor-in-Chief. ALPA acknowledges, values, and appreciates his strategic contribution to the development of this journal.

Dr. Aline Freitas de Melo is the person selected by the ALPA Board of Directors to assume the vacant position of **Editor-in-Chief** of the Latin American Archives of Animal Production journal. Dr. Melo is a Veterinary Doctor from the State University of Santa Catarina, Brazil. She has a master's degree and doctorate from the University of the Republic-Faculty of Veterinary Medicine, Uruguay. She is affiliated with ALPA and has been working as one of the coordinators of the Animal Welfare network. Dr. Melo gets a magazine that has recovered her dynamism, and that the ALPA community has taken up with enthusiasm, however, the challenge that she undertakes is not small. From the Board of Directors of ALPA we wish our best wishes to the success of the editorial team that Dr. Melo will lead.

The latest issues of the Latin American Archives of Animal Production are [available here](#). The magazine is quarterly.

The **45th Argentine Congress of Animal Production** will be held on November 16th, 17th and 18th, 2022. Although our wish for this year was to return to face-to-face and meet again after 2 years, for various organizational reasons it will not be possible. However, we announce that our Regional Delegates are working on various hybrid proposals throughout the year so that local partners and actors can participate. The deadline for submitting abstracts will be May 15 inclusive. The writing standards for abstracts with minor modifications included as of this year 2022, the example templates, the model for writing them and the file are available on [our](#)

[site here](#). Send the abstracts together with the file by email eeabalcarse.rapa@inta.gov.ar

1st CONADOA Aquaculture Congress 2022. "Regional Aquaculture: Present and Future". From August 24th to 26th, 2022, Dominican Republic. **Centro para el Desarrollo Agropecuario y Forestal, Inc – CEDAF.** José Amado Soler #50, Ensanche Paraíso, Santo Domingo, Dominican Republic. Teléfono: +1 809-565-5603 ext 231 y 222. Email: adoa2020@cedaf.org.do

The Organizing Committee of the **57th Meeting of the Brazilian Society of Animal Science (SBZ)** maintains the decision to hold the 2022 edition in PRESENTIAL format, at Expo D. Pedro in Campinas-SP, which will take place between July 25th and 29th, 2022. The outbreak of the Omicron variant of the coronavirus still raises concern, but we believe that by July the acute phase of the pandemic will have passed. Tropical zootechnics: science and practice to feed the planet. For further information, please visit the [dedicated webpage](#).

31st Brazilian Congress of Animal Science. The event returns to the face-to-face model and with its home in Manaus. May 24th to 27th, 2022. The theme of this year's edition will be "Productivity and conservation: the future of Animal Science". The proposal comes in line with a movement that has occurred since the last century, when there was an exponential growth in the world population, which also demanded a greater amount of food. For further information, please [visit the website](#).

Animal Production Convention and Agrodevelopment. October 10th to 14th, 2022. Plaza América Convention Center in Varadero, Matanzas, Cuba. Organized by: Instituto de Ciencia Animal (ICA), Estación Experimental de Pastos y Forrajes (EEPFIH) and Asociación Cubana de Producción Animal (ACPA). Detailed information is available on the [website](#).

XII Congress of the Latin American Association of Specialists in Small Ruminants and South American Camelids.

For sustainable production and a united Latin America. Valledupar, Cesar, Colombia. May 18th to 21st, 2022. For more information, please visit the [website](#).

South African Society of Animal Science (SASAS)

[SASAS News](#)



[The 53rd SASAS Congress](#)

The [South African Society of Animal Science \(SASAS\)](#) invites you to join us at the Cedara Agricultural College in the Midlands of KwaZulu-Natal for the 53rd SASAS Congress from 26th to 28th September 2022 with the theme: “Changing paradigms in livestock production – confronting a new reality”. The plan, covid willing, is to have a dual congress incorporating in-person attendance with a live feed.

Our world has been changing ever faster with global warming and then the upheaval of the pandemic, a crisis fueled by misinformation justified by pseudo-science. Global warming is making an impact on the African continent, and according to ILRI, by 2050 heat stress induced by climate change may drastically alter livestock production in Africa.

The SASAS congress will focus on some of these issues, with international experts invited to address us on these issues and discuss measures to mitigate these changes. For more information, please [visit the website](#).

News from Science

Where livestock agriculture fits in a net-zero future

Activities such as the use of inorganic fertilisers, the use of fossil fuels to power farm machinery the production of animal feed, and the use of manure are all significant greenhouse gas emitters. However, the majority of the UK’s agricultural emissions is methane arising from livestock.

Read the full article on [UK Research and Innovation](#).



B-Act Buzz: new formulation, same efficacy

Probiotics have their part to play in mitigating on-farm challenges, such as necrotic enteritis – even before these challenges reach a clinical stage.

Read the full article on [Poultry World](#).



News from Industry

The Nutreco's 2022 Young Researchers Prize



Nutreco announces the launch of its second ever Young Researchers Price edition. The prize is open to PhD students and post-doctorate in their first or second year.

Detailed information is available on [Nutreco website](#).

Argentina's dairy sector milks improved performance



Favourable weather, healthy herds and improved performance of Argentinian dairy farms boosted milk production by 4% in 2021. Meanwhile, exports remain strong, with whole milk powder the dominant product, but domestic consumption is strained due to a contraction in GD.

Read the full article on [Dairy Global](#).

Job Offers

PhD position on DigitWelfare at MoSAR, Saclay, France

INRAE and AgroParisTech are looking for a PhD candidate to join the MoSAR team to work on

DigitWelfare. Deadline 10th May 2022. For applying to the position, please send your CV, [motivation letter using this format](#). For more information [read the job vacancy](#).

PhD proposal for the Doctoral School "Ecologie, Géosciences, Agronomie, Alimentation" at INRAE, France

INRAE and CIRAD are looking for a PhD candidate to work on Modelling trophic relations in integrated multitrophic aquaculture systems: eco-design approach for freshwater fish production (IMTA). Deadline 15th June 2022. For more information [read the job vacancy](#).

Tenure track faculty position at University of Laval, Quebec, Canada

A Tenure track faculty position in Modeling sustainable animal production systems is available at the University of Laval. Deadline 19th June 2022. For more information and application [read the job vacancy](#).

Publications

I. Elsevier

Animal: Volume 16- Issue 3 – March 2022

Article of the month: "[Animal board invited review: Germplasm technologies for use with poultry](#)".

2. New technical articles have been recently published on Engormix:

I. "[Top 3 Trends Influencing Global Fish Protein Hydrolysate Market Outlook for Animal Feed and Pet Food Applications By 2026](#)"

II. "[How to handle Swine Colibacillosis in the field? What kind of resistance do we have to expect?](#)"

III. “Voluntary cooling – does it work?”

IV. “Yellow Mealworm Inclusion in Diets for Heavy-Size Broiler Chickens: Implications for Intestinal Microbiota and Mucin Dynamics?”

3. Wageningen Academic Publishers:

Pests and parasites of horses, 2022.

Meetings and Conferences

WAAP invites you to check the validity of the dates for every single event published below and in the Calendar of the website, due to the state of sanitary emergency that World is currently dealing with.

May 17th – 20th 2022, Rotterdam, The Netherlands

15th Symposium Digestive Physiology of Pigs

The 15th International Symposium on Digestive Physiology of Pigs (DPP2022) will be held in Rotterdam, The Netherlands, between May 17th and 20th 2022. The overall theme “Science for Sustainable Nutrition” will be addressed in six sessions covering a wide range of provisional topics. For more information and registration [visit the website](#).

May 18th – 21st 2022, Valledupar, Colombia

XII Congress of the Latin American Association of Specialists in Small Ruminants and South American Camelids

The XII Congress of the Latin American Association of Specialists in Small Ruminants and South American Camelids will be held in Valledupar, Colombia, between May 18th and 21st 2022. For more information and registration [visit the website](#).

May 24th – 27th 2022, Manaus, Brazil

31st Brazilian Congress of Animal Science

The 31st Brazilian Congress of Animal Science will be held in Manaus, Brazil, between May 24th and 27th 2022. For more information and registration [visit the website](#).

May 31st – June 3rd 2022, Itasca, IL, USA

The 43rd Discover Conference- Dairy Cattle Reproduction

The “43rd Discover Conference- Dairy Cattle Reproduction: Lessons Learned and Future Frontiers” will be held at the Eaglewood Resort & Spa in Itasca, Illinois, from May 31st to June 3rd, For more information and registration [visit the website](#).

June 19th – 22nd 2022, Kansas City, USA

2022 ADSA Annual Meeting

The Next ADSA Annual meeting will be held in Kansas City June 19th -22nd, 2022. For more information [visit the 2022 ADSA Annual Meeting website](#).

June 22nd – 23rd 2022, Copenhagen, Denmark

ZeroZincSummit 2022

ZeroZincSummit is returning in Copenhagen this June – come join! As you know, by June, therapeutic use of zinc oxide for treating weaning diarrhoea will be phased out in European pig production. Join the summit, where industry experts from around the world address the issue and share their latest

findings. For more info and programme [visit the website](#).

June 26th – 30th 2022, Oklahoma City, Oklahoma, USA

ASAS-CSAS Annual Meeting

The ASAS-CSAS Annual Meeting will be held in Oklahoma City, Oklahoma, June 26th -30th, 2022. Visit the [meeting website](#) for meeting details.

June 26th – 30th 2022, Bologna, Italy

19th International Congress on Animal Reproduction (ICAR 2020+2)

The 19th International Congress on Animal Reproduction (ICAR 2020+2) will take place in Bologna from 26 to 30 June 2022. For more information about the conference [visit the website](#).

June 28th -29th 2022, Edinburgh, UK

UFAW International Conference Advancing Animal Welfare Science 2022

The scientific and educational animal welfare charity, UFAW, is organizing a two-day conference in Edinburgh in June 2022 (in person and online). More information can be found [here](#).

July 3rd – 8th 2022, Rotterdam, The Netherlands

12th World Congress on Genetics Applied to Livestock Production (WCGALP)

The 12th World Congress on Genetics Applied to Livestock Production will be held in Rotterdam

(The Netherlands) from 3rd - 8th July 2022! For more information please [visit the website](#).

July 5th – 7th 2022, Cairns, Australia

34th AAAS Conference “Anchoring Knowledge, Exploring the Animal Science Ecosystems”

The 34th AAAS Conference “Anchoring Knowledge, Exploring the Animal Science Ecosystems”, organized by the [Australian Association of Animal Sciences \(AAAS\)](#) will take place in Cairns, Australia, from 5th to 7th July 2022. Information about the event is available on [the website](#).

July 14th – 15th 2022, Barcelona, Spain

CIBA-ISAE South West Europe Regional Meeting 2022

The hybrid joint conference of the Red CIBA (Spanish Scientific Network for Animal Welfare) and ISAE (International Society of Applied Ethology) South West Europe Region will be held in July 14th -15th, 2022, in Barcelona. For more information [visit the website](#).

September 5th – 9th 2022, Porto, Portugal

73rd EAAP Annual Meeting

EAAP is delighted to invite you to the 73rd Annual Meeting. It will be held from 5th to 9th September 2022 in Porto, the marvellous city of Portugal. For more and updated information visit [the EAAP2022 website](#).

September 12th – 15th 2022, Granada, Spain**7th EAAP International Symposium on Energy and Protein Metabolism and Nutrition (ISEP 2022)**

The 7th EAAP International Symposium on Energy and Protein Metabolism and Nutrition (ISEP 2022) will be held in Granada (Spain) from September 12-15, 2022. You can find all the information [at the symposium webpage](#). For detailed information and registration [visit the website](#).

September 18th – 21st 2022, Alghero, Italy**10th Workshop on Modelling Nutrient Digestion and Utilization in Farm Animals (MODNUT)**

The 10th MODNUT will highlight relevant new research on animal modelling and will feature oral and poster presentations by attendees and invited speakers. For more information [visit the website](#). In this website you can preregister for free to receive updates by email.

September 19th – 23rd 2022, Zadar, Croatia**30th Animal Science Days**

The 30th Animal Science Days (ADS), will be organized by the University of Zagreb in Zadar, Croatia. The main topic will be the challenges of animal science in times of climate change. For all the details and registration [visit the website](#).

September 26th – 28th 2022, Howick, South Africa**53rd SASAS Congress**

The the 53rd SASAS Congress will be held at the Cedara Agricultural College in the Midlands of KwaZulu-Natal, South Africa, from 26th to 28th September 2022 with the theme: “Changing paradigms in livestock production – confronting a new reality”. Detailed information is available [on the website](#).

September 26th – 28th 2022, Bolzano, Italy**8th European Symposium on South American Camelids and 4th European Meeting on Fibre Animals**

The Symposium will be held at the Free University of Bolzano. Following the tradition of previous events, the Symposium will cover a broad range of topics related to breeding and husbandry of South American domestic and wild Camelids, wool sheep, Cashmere and Angora goats, Angora rabbits and any other fibre producing mammals in Europe and beyond. For more information [read the flyer](#).

October 10th – 14th 2022, Varadero, Cuba**Animal Production Convention and Agrodevelopment**

The Animal Production Convention and Agrodevelopment will be held at Plaza América Convention Center in Varadero, Matanzas, Cuba from 10th to 14th October 2022. For further information, please [visit the website](#).

More conferences and workshops [are available on EAAP website](#).



The **World Animal Science News** is the Official WAAP Newsletter. This interesting update about activities of the global animal science community presents information on leading research institutions in the entire world and also informs on developments in the industry sector related to animal science and production. The Newsletter is sent to all WAAP member organizations and to their associates. You are all invited to submit information for the newsletter. Please send information, news, text, photos and logo to waap@waap.it .

WAAP Secretariat is located at the following address: Via G. Tomassetti 3, A/I - Rome (Italy). Tel.: +39-06-44 20 26 39;
E-mail: waap@waap.it

Production staff: Marlène Sciarretta, Philippe Chemineau, Andrea Rosati, Eleonora Azzaro, Federica Motterle.

Graphics design and layout: Gianfilippo Ercolani.