

Applications for admission

Taking into account that the mission of CAETS, the International Council of Academies of Engineering and Technological Sciences, Inc, is to foster engineering and technological progress for the benefit of societies providing the organizational mechanism through which engineering and technological sciences academies of the world can work together on important issues at the intersection of technology and society, we express our willing to join CAETS. We confirm that we satisfy an agreed set of criteria for membership defined by Section 3. Criteria for Membership

The Academy of Engineering Sciences of Serbia (AESS, <http://www.ains.rs>) is the nonpolitical, non-governmental and not profit scientific institution that brings together distinguished engineers and scientists from the field of engineering sciences with a goal of developing, stimulating and organizing engineering and technical sciences and their application in industry and other fields of activity. Academy was established in 1998 in Belgrade under the name of Engineering Academy of Yugoslavia. Following the changes in society, it obtained and officially registered its current name in October 2006. Academy performs its activities through Departments that are principal for the basic groups of scientific and engineering disciplines. Interdepartmental committees are formed for the multidisciplinary character matter.

The Academy of Engineering Sciences of Serbia has 120 full members, 69 corresponding members and 9 honorary members-distinguished engineers, as well as 64 foreign members. All members of the Academy were elected according to high scientific and technical quality standards, by secret vote at the Academy Assembly. The Academy is governed by its elected membership. AESS is engaged in significant scientific and technical activities able to encourage use of the best engineering and technological advice for the benefit of the society. Accordingly, its objectives are compatible with the objectives of the CAETS.

In 2015. The Academy of Engineering Sciences of Serbia become a *member of Euro-CASE* and AESS is very active there. We have representatives in the Executive Board and in a few target Committees.

In accordance with the established procedure for Admission of New Members (Section 4. points a) to d)), which implies the time schedule for consideration and require the affirmative votes of at least all but one of the members' representatives present and voting, The Academy of Engineering Sciences of Serbia submits its Application for admission CAETS.

Sincerely,
President of AESS

Certified Translation from Serbian into English:

Stamp:

Academy of Engineering Sciences of Serbia

Number: 26/12

Date: 26th January 2012

Belgrade, Zeleni venac 2/III

According to the Law on Associations of Citizens (The Official Gazette of the Republic of Serbia No. 51/09), and at the proposal of the Presidency of the Academy of Engineering Sciences of Serbia, at the assembly held on 16th March 2011, the amendments to the existing Statute of 17th March 2010 were made and the decision was made to pass the new

S T A T U T E OF THE ACADEMY OF ENGINEERING SCIENCES OF SERBIA

OBJECT OF REGULATION

Article 1

This Statute, according to the Law on the Associations of Citizens (hereinafter referred to as the Law) shall regulate the organization, activities and work of the Academy of Engineering Sciences of Serbia (hereinafter referred to as the Academy), authorities and the manner of decision-making of the Academy's bodies, the status of the Academy members, as well as other issues relevant for the work and activities of the Academy.

FIELDS OF WORK AND GOALS

Article 2

The Academy of Engineering Sciences of Serbia is the highest engineering institution in the country of Serbia which implements, organizes, develops and stimulates scientific research in the field of engineering.

The goal of the Academy is to influence scientific, development and innovative research, as well as other forms of scientific and technical creative work and knowledge dissemination in all engineering disciplines, and to direct them.

Article 3

The activities of the Academy are directed towards the development and integration of scientific and engineering-oriented creative thought, creative work and knowledge dissemination in the field of engineering.

ACTIVITY

Article 4

The principal activity of the Academy is:
72 (scientific research and development)

The principal activity, in its narrow sense, comprises scientific, development and innovative research in all engineering fields, i.e.

- taking part in the implementation and reviewing of scientific, development and innovative projects as the basis of the technological development of Serbia;
- giving incentives and proposals for preparation of the program of scientific and technological development of Serbia;



- analysis of scientific discoveries and recommendations regarding their implementation in Serbia;
- stimulation and nurturing of scientific and technical criticism;
- starting incentives, giving proposals and offering opinions to the creators of the social and economic development of Serbia with a goal to ensure successful implementation of both long-term and current goals of material development of Serbia, as well as for the improvement of the conditions for scientific and creative work of engineers;
- preparation of projects, studies, revisions and other project documentation;
- offering advice and expert reviews;
- publishing monographs, journals, textbooks, proceedings and other publications;
- organization of science forums, scientific and technical meetings in the field of engineering sciences
- dissemination and popularization of scientific knowledge;
- assisting young engineers in acquiring their qualification and in their professional development;
- supporting and organizing permanent education of engineers;
- monitoring the development of engineering as a whole and instigation of its implementation in science, practice and education in Serbia;
- scientific cooperation with scientific and technical organizations, institutions and persons in the country and abroad.

Article 5

For the purpose of more efficient implementation of research, development and innovations, as well as creative work in engineering, design, preparation of studies, consulting, expert reviews, etc., the Academy may establish its Institute.

Article 6

The Academy shall determine the manners and forms of its activity through its annual and multiannual program.

NAME AND SEAT (REGISTERED OFFICE)

Article 7

The Academy name is: the Academy of Engineering Sciences of Serbia. The abbreviated name is AESS.

The seat (registered office) of the Academy is in Belgrade, Zeleni venac 2/III.

In correspondence with abroad the name of the Academy in the English language shall be **Academy of Engineering Sciences of Serbia**.

The Academy logotype is shall be (Academy of Engineering Science of Serbia).

MEMBERSHIP

Article 8

The Academy shall have full, corresponding and honorary members, honorary member-advisors and foreign members.

In order to fulfill its goals, the Academy shall cooperate with partner organizations.



Article 9

A person may be elected a full member of the Academy if he/she is a distinguished scientist – original contributor in engineering disciplines, a citizen of the Republic of Serbia, whose results in the fields of science and engineering creativity represent substantial achievements based on which he/she gained a significant prestige in the country and abroad.

A person may be elected a corresponding member of the Academy if he/she is a distinguished scientist – original contributor in engineering disciplines, a citizen of the Republic of Serbia, who excels in significant scientific and engineering achievements.

A person may be elected an honorary member of the Academy if he/she is a distinguished scientist – original creator in engineering disciplines or disciplines close to engineering, a citizen of the Republic of Serbia, and a member of the Serbian Academy of Sciences and Arts.

A person may be elected an honorary member – distinguished engineer if he/she is a an engineer – original creator or scientist who, during his/her longtime work became distinguished by his/her specialist, scientific or organization results and, thus, contributed to the development of the profession and to the overall social and economic development of this country.

A person may be elected a foreign member of the Academy if he/she is a distinguished scientist – original creator in engineering disciplines, if he/she is not a citizen of the Republic of Serbia, if he/she has a developed cooperation with the researchers from Serbia and whose results also significantly contributed to the development and application of science in this country.

Partnering organizations are legal entities (universities, faculties, institutes, public companies, state bodies, chambers, business organizations) with whom there is a mutual interest for cooperation.

The detailed criteria shall be defined by the Regulation on the election of new members.

Article 10

The rights and duties of each member of the Academy shall be:

- to engage in scientific and high quality engineering creative work within the Academy and wider;
- to conceptualize, help and support the work of the Academy;
- to strive to fulfill the goals and the program of the Academy;
- to regularly take part in the work of the relevant bodies of the Academy;
- to report and convey the findings and results of his/her work;
- to guard the professional ethics in public life.

The rights of the partner organizations shall be:

- permanent cooperation and availability to the members of the Academy for advice and recommendations as per request (development plans, business moves, networking with companies in the country and abroad);
- informing on all important activities of the Academy;
- taking part in the work of the committee and other *ad hoc* bodies of the Academy;
- invitation to all meetings of interest organized by the Academy, including the Assembly;
- receiving a certain number of copies of printed publications of the Academy;
- advertising in publications of the Academy and in its website;
- giving opinion about the strategic orientations of the Academy



An obligation of partner organizations is to pay their annual fees.

Article 11

As a rule, new members of the Academy shall be elected triennially. The elections to the membership of the Academy shall be held by the Academy's Assembly, in accordance with the Election Regulation passed by the Assembly.

Only full and corresponding members shall take part in nomination and elections and shall have a right to be elected for the bodies of the Academy.

Admission for the partner organizations is always open. The verification of the entry of a partner organization is done by the Presidency, which shall inform the Assembly thereon.

Article 12

The right to nominate candidates for the Academy members shall be held by

- the Academy departments;
- institutes, faculties, business organizations and professional engineering associations;
- three members of the Academy.

A written agreement of the proposed candidate must be enclosed with the nomination.

Article 13

The decision about the election of the members shall be deemed valid provided that at least 2/3 of the currently active members are present at the Assembly meeting and provided that more than a half of the present members voted for the decision.

Currently inactive members shall be those members who do not take part in the activities of the Academy longer than 6 months because of illness, stay abroad or according to a permit given by the department. This category also includes the members who unjustifiably do not take part in the activities of the Academy longer than 12 months. A list of currently inactive members shall be kept in the records of the Department.

Article 14

Newly elected members shall receive diplomas for the Academy membership. The form of the diploma shall be defined by the Presidency of the Academy.

Article 15

The membership in the Academy shall end at the personal request of a member, submitted in written form to the Presidency, or at the proposal of the department, if the member was inactive in the sense of the Article 10 of the Statute for more than a year, and the final decision shall be made by the Presidency of the Academy.

Article 16

The Academy shall strive to ensure to its members the conditions for successful scientific and technical work and take measures to ensure their work in other scientific, technical and business organizations as well.



BODIES OF THE ACADEMY

Article 17

The bodies of the Academy shall be the Assembly, the Presidency, the President of the Academy, the Supervisory Board, departments and interdepartmental committees.
The Academy shall perform its activities through its bodies.

ASSEMBLY OF THE ACADEMY

Article 18

The Assembly shall be the highest body of the Academy and it shall include full, corresponding and honorary members and member – advisors.

Article 19

The Assembly of the Academy shall:

- pass the Statute of the Academy and implement its amendments;
- make decisions on the election of the Academy members;
- make decisions on the establishment of departments;
- elect the President, the Vice-President and the Supervisory Board of the Academy;
- review the results of the work of the Academy;
- make the work plan;
- make the financial plan and adopt the final (annual) account;
- decide on the international cooperation and membership in the corresponding foreign academies and similar societies;
- perform other duties as defined by the Statute.

Article 20

The Assembly shall be held at least once a year. The decisions of the Assembly shall be valid if more than a half of the total active members are present, except for the election of the new members of the Academy, in which case it is mandatory that at least 2/3 of the active members take part in the elections.

Article 21

The decisions of the Assembly shall be valid if voted for by more than a half of the present members of the Academy.

Article 22

The mode of work of the Assembly shall be determined by the Rules of Procedure passed by the Assembly.

PRESIDENCY OF THE ACADEMY

Article 23

The Presidency of the Academy shall be the executive body of the Assembly.
The Presidency members shall be the President, the Vice-President, the Secretary General and secretaries of the departments.



Article 24

The term of office of the Presidency shall be four years.

Article 25

The decisions of the Presidency shall be valid if more than a half of its members are present at its meeting.

The Presidency shall make decisions by the majority of votes of the total number of members.

The mode of work of the Presidency shall be determined by the Rules Of Procedure, adopted by the Presidency.

Article 26

The Presidency of the Academy shall

- manage the work of the Academy between two assemblies;
- make decisions about the convening of the Assembly and establish the agenda;
- define the program of work;
- take care about the implementation of the decisions of the Assembly and the goals of the Academy;
- make decisions about the organization of technical and science forums, seminars and other working meetings;
- define the program of international cooperation;
- define the proposal of the financial plan;
- submit a report on activity results to the Assembly;
- elect the Secretary General of the Academy;
- perform other works of interest for the realization of the goals and the working program of the Academy, as determined by this Statute.

PRESIDENT OF THE ACADEMY

Article 27

The President of the Academy shall be elected among the full members of the Academy for a period of four years. The President may be elected for a maximum of two consecutive terms of office.

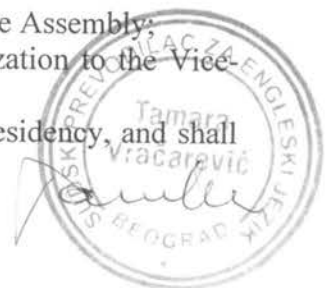
Article 28

The procedure of the election of the President and the Vice-President shall be governed by the Rules of Procedure adopted by the Assembly.

Article 29

The President of the Academy shall:

- represent and work on behalf of the Academy;
- be in charge of the implementation of the decision of the Presidency and the Assembly;
- be authorized to issue financial orders, and he may transfer this authorization to the Vice-President or to the Secretary General;
- in extremely urgent cases, assume duties under the competence of the Presidency, and shall be obliged to inform the Presidency thereon at the first following meeting;
- perform other duties determined by the Law and this Statute.



Article 30

As a token of recognition and gratitude for exceptional contribution to the organization and work of the Academy, the Assembly may, based on a proposal by the Presidency, proclaim the President whose term of office has expired for an honorary president. The term of office of an honorary president shall not be limited.

Article 31

The Academy shall have the Vice-President.

The Vice-President shall be elected in the same manner as the President.

The Vice-President shall perform those duties for which he/she received an authorization from the President, including representing and acting for the Academy.

The Vice-President shall act on behalf of the President if the President is unable to perform the designated duties.

If the President is permanently unable to perform the designated duties, the Presidency shall appoint an acting president and, as a rule, that shall be Vice-President, until a new president is elected. The acting president shall represent and act for the Academy.

SECRETARY GENERAL

Article 32

The Presidency shall appoint the Secretary General of the Academy for a period of four years.

The Secretary General shall prepare the proposals for the decisions of the Presidency, conduct the current activities of the Academy, assist the President and the Vice-President in their work and perform other duties for the Academy as determined by this Statute.

DEPARTMENTS

Article 33

A department shall consist of full, corresponding and honorary members-advisors. A department shall be established for one or more scientific disciplines. There shall be the following departments:

- The Department of Biotechnical Engineering Sciences;
- The Department of Civil Engineering Sciences;
- The Department of Electrical Engineering Sciences;
- The Department of Mechanical Engineering Sciences;
- The Department of Mining and Geological Engineering Sciences;
- The Department of Technology, Metallurgy and Material Engineering Sciences

A member of the Academy may, besides belonging to a particular Department based on his/her specialty, also take part in the work of other departments, without having a right to vote for decisions.

Article 34

At their meetings the departments shall perform the following activities:

- consider questions from the fields of science and engineering for which they have been established;
- make the proposal of the working program;
- assume activities for the implementation of the programs;
- propose financial amounts necessary for the work of the department;



- consider and submit reports on the work of the Academy;
- consider proposals and establish plans for particular projects and other documents and legal acts to be submitted to the Assembly for adoption;
- consider the activities of their committees, if there are any, and coordinate their work;
- give opinions and proposals to the partner organizations, science and other institutions, either based on the initiative of the department or at request of these organizations, about questions of importance or organization or improvement of science, trade and overall economic and social development;
- give opinion about all legal documents to be adopted by the Assembly or the Presidency;
- elect and remove from office the Secretary and the Deputy Secretary of the Department.

The mode of work shall be determined by the Rules of Procedure passed by the department.

Article 35

As a rule, the Secretary of the department shall be elected among the full members of the Academy. The secretary of the department shall take care about the work of the department, preside over the meetings of the department, take care about the implementation of the decisions of the department and submit reports to the Presidency and the Assembly about the questions from the field of work of the department.

The Secretary of the department shall have a deputy who replaces him/her if the Secretary is prevented to perform his/her duties.

Article 36

The Secretary and the Deputy Secretary of the department shall be elected for a period of four years.

COMMITTEES

Article 37

Committees and other working bodies may be formed as permanent or temporary bodies. Committees shall be formed to implement particular program tasks within particular fields of work of the Academy.

Committees may be departmental and inter-departmental.

Inter-departmental committees shall be formed for the activities that are common for several departments. The decision about the establishment of a committee shall be made by the Presidency.

The chairs and the members of the departmental committees shall be elected by the department, and the chair and the members of the interdepartmental committees shall be elected by the Presidency, based on a proposal of the department.

Members of the committees and other working bodies are elected among the Academy members and among the prominent scientists and experts in engineering disciplines, and especially among the workers from the partner organizations.

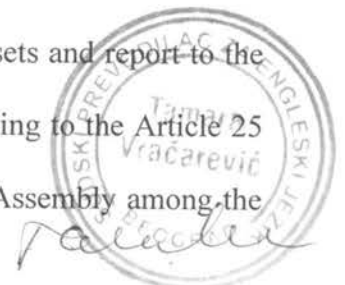
SUPERVISORY BOARD

Article 38

The Supervisory Board shall control transactions with finances and tangible assets and report to the Assembly of the Academy thereon.

The Supervisory Board shall institute the legal proceedings for damages according to the Article 25 of the Law on Associations.

The Supervisory Board shall have the chair and two members, elected by the Assembly among the Academy members.



The members of the Supervisory Board shall be elected for the period of four years and may be re-elected.

TRANSPARENCY OF THE ACADEMY WORK

Article 39

The work of the Academy shall be open to public.

The membership and the public shall be informed on the work of the Academy directly, through appropriate publications, through public media, through the Internet site of the Academy and in other convenient means.

The President and the Secretary General shall be in charge of informing the public.

FUNDING OF THE ACADEMY

Article 40

The Academy shall have its financial plan.

The funds for the work of the Academy shall be obtained from:

- state funds and other organizations from the realization of activities as defined in the Article 4 of this Statute;
- contributions of its partner organizations in the form of membership fees;
- donations, presents, voluntary contributions by organizations and individuals.

The financial plan of the Academy shall distribute the funds to:

- the funds for implementation of the scientific program of the Academy;
- the funds for administrative department;
- the funds for financing general expenditures and the equipment of the Academy;
- the funds for international cooperation.

The earning and distribution of the financial funds shall be regulated by separate book of regulations passed by the Presidency of the Academy.

Article 41

An initiative for amendments of the Statute may be given by

- the Assembly;
- a department;
- the Presidency;
- an individual member of the Academy;

The initiative must be in written form with argumentation and it must be submitted to the Presidency of the Academy, which shall prepare the proposal for an amendment and deliver it to the Assembly.

Article 42

Mandatory interpretations of this Statute and its particular provisions shall be given by the Assembly of the Academy.



TERMINATION OF WORK OF THE ACADEMY

Article 43

The Academy shall terminate its work according to a decision of the Assembly, if the conditions for the implementation of the goals of the Academy of Engineering Sciences are no longer met, as well as in other cases defined by the Law.

In the case of termination, the assets of the Academy shall belong to the Ministry of Science.

SEAL

Article 44

The Academy shall have its seal. The seal shall be of circular shape and shall have an inscription on its edge in Cyrillic letters: *Академија инжењерских наука Србије* and the number 1998.

In the middle of the seal there shall be the emblem of the Academy, square in shape and containing the letters AIN.

COMING INTO FORCE OF THE STATUTE

Article 45

This Statute shall come into force on the date of its adoption by the Assembly of the Academy of Engineering Sciences of Serbia.

At the same day the Statute the Academy of Engineering Sciences of Serbia passed by the Assembly of the Academy on 27th March 2010 shall cease to be valid.

The Chair of the Assembly held on 16th March 2011
 (Signature)
 Prof. dr. Jovan Todorović, a full member AESS
 Seal:
 Academy of Engineering Sciences of Serbia

Stamp:
 Business Registers Agency
 18th April 2012
 Belgrade

Seal:
 Republic of Serbia – Belgrade
 Business Registers Agency
 (Signature)

END OF TRANSLATION



I DO HEREBY CERTIFY that this document, which has been given to me in Serbian, has been correctly translated into English.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed the seal of office, at Belgrade this 6th day of February 2014

No. 07 /14



Tamara Vračarević

TAMARA VRAČAREVIĆ, M.A.
Sworn to court interpreter for English,
appointed by the decision of the Ministry
of Justice of the Republic of Serbia,
No. 740-02-221/91-03

Garibaldijeva 9, 11000 Belgrade
Phone/Fax: (++381 11) 308-75-74
e-mail: tml@sbb.rs

My commission is permanent

Adopted at the meeting of the Presidency on 12.03.2019.

REPORT OF THE ACTIVITIES OF THE ACADEMY OF ENGINEERING SCIENCES OF SERBIA (*Translation*)

Remarks:

The Report is the DRAFT of the report.

Final text will be adopted at the Annual Conference of AESS that will be held on 27. March 2019.

The translation was not done by a professional translator but reflects the main content.

1. LEGAL ORGANIZATION

a) New Rules of Election Procedure for the Presidency

The Presidency adopted the new Rules of Election Procedure for the Presidency, which will be followed with the changes in the Statute.

b) Rule book for statistic of the Academy member activities

The test application of the Rulebook has started.

c) New Statute

The newly adopted Statute is "lawfully" adjusted and registered in the Business Registers Agency.

2. FUNCTIONALITY OF THE ORGANIZATION

a) Ratko Lazarević was elected for the secretary of the Department BES, his deputy is Mirjana Šijačić Nikolić.

b) Biljana Stojanovic was elected for the secretary of the TMMES, her deputy is Bojana Obradović

c) Regular elections for new members were held. Due to the celebration of the AESS jubilee, the elections were held somewhat earlier and by an accelerated procedure in which all deadlines determined by the Rulebook were respected. The procedure was standard. All candidates submitted a Form-reminder, biography, bibliography and 5 + 5 most important scientific papers and engineering achievements of their choice. Election Commissions for writing a candidate's report were formed. The departments supported and elected the candidates for new members by secret ballot. The Election Assembly was held on June 27, 2018, and 101 active members were present, which was 71% of total number of the members of the Academy.

NEW MEMBERS OF AESS

DEPARTMENTS

Members	BES	CES	EES	MES	MEGS	TMMES	AINS
Full	5	5	2	1	1	3	17
Corresponding	4	4	2	1	2	3	16
Foreign	-	1	-	1	-	4	6

Departments:

BES- Biotechnical Engineering Sciences

CES- Civil Engineering Sciences

EES- Electrical Engineering Sciences

MES- Mechanical Engineering Sciences

MEGS- Mining and Geological Engineering Sciences

TMMES-Technology, Metallurgy and Material Engineering Sciences

3. SCIENTIFIC AND PROFESSIONAL ACTIVITIES

a) Lectures

Lectures at a permanent seminar AESS (abstracts of lectures are given on the site of the Academy, lectures were held at the Festive Hall of the Faculty of Civil Engineering for free)

1. 04/18/2018. Prof. Dr. Branislav Ivković, "*Realization of complex investment projects of experience and recommendations*";
2. 11/28/2018. Prof. Dr. Radule Popović, "*Basic lines of geotectonic events in the Mediterranean region during the last 2.5 billion years (proterozoic - fanerozoic)*";
3. 12/5/2018. Prof. Dr. Zoran Stevanović, "*Global and regional challenges of preservation and development of underground water resources of Serbia*";
4. 12/12/2018. Prof. Dr. Mića Jovanovic, "*Designing the closure of historical landfills in Serbia*";
5. 12/12/2018. Prof. Dr. Adam Dangić, "*Geochemistry, genesis and transformation of bauxite*";
6. 09/01/2019. Prof. Emeritus Dr. Relja Jovanović, "*Possibilities of improving the economy of operation of Serbian railways*";
7. 03/13/2018. Prof. Dr. Zorica Vasiljević, "*Specificity of Business Plan Development in Agriculture*".

b) Other lectures

1. Prof. Dr. Petar Petrović, "*The Renaissance of Industry in a Globalized Economic Context*", introductory paper "Advising the Production Engineering of Serbia", Kragujevac, 25-26.10.2018
2. Prof. Dr. Borislav Stojkov, "*Smart City and Business*", lecture at the Danube Business Forum, Novi Sad, 2018.
3. Prof. Dr. Slobodan Knežević, "*Climate Change Records in the Quaternary Sediments of Serbia*", Gallery of the National Museum, Čačak, June 27, 2018.

c) Roundtables, conferences and other meetings

Round tables were organized by the Interdepartment Committee of Cities in Serbia in the future :

1. Cities of Serbia in the future, March 27, 2018, coordinators Borislav Stojkov and Igor Marić, full members of AESS;
2. Urban mobility - opportunities for the cities of the future, April 26, 2018, coordinator Prof. Dr. Vuk Bogdanović;
3. Metropolitan future of the big cities of Serbia, May 30, 2018, coordinator Borislav Stojkov,
4. Urban economy, industry 4.0, innovations and new technologies, coordinator Petar Petrović, member of AESS,

5. Renewable energy sources, energy efficiency and new technologies in materialization of buildings, September 27, 2018, coordinators Mila Pucar and Biljana Stojanović, full members of AESS,
6. Urban physiognomy and morphogenesis issues, November 28, 2018, coordinator Milan Lojanica, full member of AESS.

d) Scientific-expert meetings:

1. "How to revive and strengthen our stock breeding?", Department BES;
2. ISCP 2018 Annual Conference: Innovation through networking of research and business partners for Industry 4.0; Novi Sad, June 14, 2018, MONTIPS;
3. "Recycling of metallic secondary raw materials", Belgrade, November 16, 2018, Interdepartmental Committee MOES with ITNMS

c) Published Books / Monographs:

1. Geological dictionary, Prof. Dr. Radule Popović et al., issued by AESS;
2. Academy of Engineering Sciences of Serbia 1998-2018, issued by AESS, 2018;
3. Academy of Engineering Sciences of Serbia 1998-2018, issued by AESS, 2018;
4. Academy of Engineering Sciences of Serbia, 20 years of work, published by AESS, 2018.
5. Biljana D. Stojanovic edited "Magnetic, Ferroelectric and Multiferroic Metal Oxides", ISBN: 978-0-12-811160-2, Elsevier, 2018, 630 pp
6. Vuk Uskokovic, Dragan P. Uskokovic edited "Nanotechnologies in Preventive and Regenerative Medicine", Elsevier Inc., 2018, 590 pp

d) Proceedings

1. "Mining and Geology Today", Proceedings, II International Symposium, 4-5 December 2018, co-founder of AESS
2. International Conference Energy and Ecology Industry EEI2018, Conference Proceedings, 10-13.10.2018., Belgrade, publisher AESS
3. "How to revive and strengthen our stockbreeding?", Papers from the Scientific Meeting, May 30, 2018, Belgrade, AESS

e) Journals

1. "Water Management", 2018, No. 291-293 and No. 294-296 AINS co-editor, editor-in-chief Branislav Đorđević, full member of AESS, Department CIS;
2. YUJOR, published by The Yugoslav Journal of Operations Research, Vol.28, No 1, No 2, No 3, 2018, supported by AESS, Department MEGS

f) Conferences and symposiums

1. International Conference Energy and Ecology Industry- EEI2018, 10-13.10.2018., Belgrade, organized by AESS

2. Mining and Geology Today, 2nd International Symposium, 4-5 December 2018, Belgrade, co-organizer AESS
3. IX International Scientific Agriculture Symposium „AGROSYM 2018“, Jahorina, September 25, 2018, AESS co-organizer, Dušan Kovačević, full member of AISS, president of the Scientific Committee
4. XII Balkan Conference on Operational Research - BAICOR, 25-28 May, co-organizer AESS, Belgrade
5. TELSIS, 13. International Conference on Advanced Technologies, Systems and Services in Telecommunications, 2018, Niš, AESS supported, President Bratislav Milovanović, full Member of AESS
6. "Development directions of tractors and renewable energy sources", Novi Sad, 2018.
7. 20th Annual Materials Research Conference, YUKOMAT 2018, Herceg Novi, 3-6.09.2018, Dragan Uskoković (President of Conference Organizational Committee) and Nenad Ignjatović, Department TMMES AESS;
8. 17th Young Researchers Conference on Material Sciences and Engineering, D. Uskoković (President), N. Ignjatović (General Secretary), TMMES AESS

4. COOPERATION WITH THE INSTITUTIONS

a) The Ministry in charge of science

Despite all attempts, fails to establish institutional cooperation with the Ministry of the Education, Science and Technological Development. Thus, we did not even mention the proposal of the new Law of Scientific and Research Activities. The only connection is through activities of our members who are also members of the Ministry boards. From the required 3,427 Euros only 900 Euros were awarded for the Euro - CASE membership. The Ministry funded 2 proceedings from scientific meetings of AESS with a total amount of 200,000 RDS.

b) The Ministry of Construction, Transport and Infrastructure

Following the positive address by Minister Zorana Mihajlović at the General Assembly of AESS on the occasion of the 20. years of AESS, a discussion between the AESS delegation and the team of the Minister Mihajlović followed. After that, a Cooperation Agreement was signed on March 4, 2019. The agreement follows our activity determined by the Statute and can be assessed as very favorable. We expect intensive professional cooperation with MCTI.

c) Other Ministries

The contacts were established with Minister Goran Trivan, the Ministry for Environmental protection. The atmosphere is positive and it can be expected an agreement on cooperation of a similar conception with MCTI.

AESS unsuccessfully attempts to cooperate with the Ministry in charge of agriculture. There was no answer to the agricultural strategy, despite the Ministry received the document with opinion.

d) SASA-Serbian Academy of Sciences and Arts

Cooperation with SASA exists at the personal level. Although there is a Protocol on cooperation (from 2013), it has not been applied. Recently a meeting of the Executive Committee of the

AESS and representatives of Department of Technical Sciences SASA was held with indications that the cooperation will be institutionalized soon.

e) Euro – CASE

Cooperation with Euro - CASE takes place through our 3 representatives: 1. Petar Petrović as a member of the six-members Steering Committee and Manager (via AESS) of the Euro-CASE Platform for the education of engineers, 2. Miodrag Mesarović makes a significant contribution to the Euro-CASE Platform for Energy, and 3. Borislav Stojkov follows the work of the SAPEA project. A significant success has been achieved as the AESS is linked to the Euro - CASE and the Chinese Academy of Engineering Sciences CAE. Euro - CASE and CAE Forum of Evidence Base Scientific Policy Advice will be held on 15-17 April 2019 at Anhui University in China. The meeting is chaired by the initiator of the meeting, Petar Petrović. The SAPEA project responded to several calls for expert proposals. Two topics were sent to the proposals of experts.

f) ETRAN-organization of electronic, telecommunication, computers, automatic control and nuclear engineering

Cooperation with ETRAN is carried out by over 8 AESS members who are in the management of ETRAN and the organization of the conference, and, of course, participating to the ETRAN events and presenting their results.

g) “ELEKTROPRIVREDA SRBIJE”- EPS (Electro Industry of Serbia)

This year, from EPS our Academy received a significant donation (460,000 RSD) for printing a monograph on AESS and for the celebration of 20 years of AESS.

h) Serbian Chamber of Commerce

Joint action on contracting projects with Kazakhstan failed beside 7 projects from proposed 14 were accepted. The final agreement was not still signed, so further negotiation was in this moment interrupted.

i) Chinese Academy of Engineering Sciences – CAE

Euro-CASE and CAE will organized the joint meeting in April this year. Based on further correspondence, AESS established the contact with the vice-president of CAE committee for international cooperation in the name of the new CAE President.

5. PARTNERS ORGANIZATIONS

New partner organizations are the Faculty of Forestry in Belgrade and the School of Electrical Engineering and Computing, Belgrade. Representatives of partner organizations participate in AESS meetings. Partner organizations are informed electronically of all AESS actions. *In 2018, 23 partner organizations participated in the annual membership fee, which constitutes the basic stable income of AINS.*

6. PRESIDENCY (postponed 12.03.2019.)

The Presidency held 11 meetings with the presence of B. Kovačević; M. Smiljanić; R. Lazarević; Z. Djurić; Ž. Prasčević; D. Uskoković; M. Pušić; M. Nedeljković; M. Adžić. The meetings were also attended by deputy Secretary A. Gajić and sometimes Interdepartmental Committees coordinators, B. Stojkov, A. Smiljanić, M. Mesarović, P. Petrović, M. Jovanović, B. Stojanović,

as well as members of AESS V.Janjić, B.Đorđević, N.Đajić, S.Vujic and R. Simić. The Presidency devoted most of the attention and agenda items to the election of members, then decisions and preparations for celebrating 20 years of AESS, as well as to Euro – CASE items. The Presidency has adopted the several important documents, such as: *"The position on the urgent need for a decision on the refusal of legalization and other measures of protection to be undertaken for all facilities built on aquatic land and in areas of protection of sources"*, *"Attitude towards the need for long-term stimulation of electricity generation from renewable sources in the function of environmental protection"*, attitude *"It is a danger for Serbia to loose vital accumulation of Ribarići on the Ibar"*, *"The position of the Academy of Engineering Sciences of Serbia on energy, ecological and social problems of construction of small hydroelectric power plants with long pipelines"*. All documents are on the AESS website. Besides, these attitudes were sent electronically and by post to relevant ministries.

7. INTERDEPARTMENTAL COMMITTEES

7.1. Interdepartmental Energy Committee (IEC)

MEC members participated in a number of expert and scientific gatherings in energy, including a meeting organized by AESS (EEI2018), where the MEC was the main organizer. At these meetings, members of MEC were members of the organizing committees and presented the lectures. The knowledge and experience of MEC members were transferred to Euro - CASE energy platform and to the Serbian National Committee of the World Energy Council. MEC has also provided a precise analysis of the small hydroelectric power plants.

7.2. Interdepartmental Committee for International Cooperation (ICIC)

The analysis of the engagement of AESS members in international cooperation was started and a survey form was created for this purpose. The response of the members is not satisfactory, but the action will continue. ICIC began intensive contacts with the Croatian and Slovenian Engineers' Academies with demand to prepare the joint projects and to strengthen the cooperation between departments of Academies. It is particularly important that intensive cooperation is indicated by the CAE- Chinese Academy of Engineering. The activities in the Euro – CASE are intensive and fruitful. The activities respecting to membership to CAETS started successfully.

7.3. Interdepartmental Committee for Publications (ICP)

During the preparation of the celebration of the 20 years AESS, the Committee was engaged preparing the monograph with biographies of the AESS members. The old monograph was published in 2008. and should have been supplemented with new members and new data for existing members.

7.4. Interdepartmental Committee of Cities in Serbia in the future (ICCSF)

This board was established in early 2018. The members of Committee are members of the AESS and prominent engineers outside AESS. The Committee also gathered members of other compatible sciences needed to work on this subject. Since the establishment The Committee organized 5 Round Table Events at which AESS members, foreign and domestic eminent experts

participated and presented their point of view respecting to subject. In progress is the preparation of the international conference "The E-Future of Cities - Between Temptations of Exponential Technology Growth and the Concept of Human Cities". The presence of very important scientists from the world was highlighted and the sponsorship was taken by the world association of urban planners ISOCARP.

7.5. Interdepartmental Committee for Food (ICF)

There was no activity.

7.6. Interdepartmental Committee for Computing and System Science (ICSS)

There was no activity.

7.7. Interdepartmental Committee for Environmental Protection (ICEP)

The Committee was established to consider the activities on the development of the climate change strategy of Serbia, waste water treatment, water management, water protection and solid waste issues. It was proposed to the Presidency to adopt attitude on current ecological problems in Serbia. The Committees actively cooperates with the Ministry of Environmental Protection submitting an Agreement on Cooperation on behalf of the AESS. In coorganization with the Institute for Technology of Nuclear and Other Mineral Raw Materials (ITNMS) was organized a meeting - "Recycling of Metallic Secondary Raw Materials". An international conference "The Impact of Illegal Construction, Bad Planning and Projecting on the Environment" - IMPEDE will be organized in 2019.

7.8. Interdepartmental Committee for National Technology Platforms (INTP)

This committee did not meet in 2018, but had a significant activity thanks to the engagement of the coordinator. Thus, the ISCP 2018 was organized, and the introductory paper "The Renaissance of the Industry in a Globalized Economic Context" was presented at the conference in October 2018, Kragujevac.

7.9. Interdepartmental Committee for Intellectual Property (ICIP)

It's not constituted.

7.10. Interdepartmental Committee for Education (ICE)

Due to the change of the members of Committee including the coordinator, only a constituent meeting and plan of the activities were held.

7.11. Interdepartmental Committee for Evaluation of Engineering Results (IEER)

The conclusion from the previous meetings was realized taking into account that the evaluation of the scientific-professional contribution of the candidate for the AESS will be done according to 5 + 5 best results, meaning 5 scientific papers and 5 engineering realizations, a complete professional biography and scientific bibliography. The action was successful and the results were promising. The committee held a joint meeting with the Presidency when formulated

remarks to the new Law on Science and Research. The request was to add the engineering sciences in the Law because they were not mentioned in any of the articles in the Law.

8. CELEBRATIONS OF 20 YEARS OF AESS

The CVs and contact details of all AESS members were collected and/or updated: 121 full, 69 correspondent, 64 foreign and 9 honorary members, total of 263 members. The monograph was issued in Serbian (300 copies) and in English (100 copies). In addition, the monograph "AINS - 20 Years of Work" was created based on the contributions of the departments and committees, which was issued in Serbian in 300 copies. The monographs are shared with AESS members and guests at the festive assembly. During the celebration of the anniversary, two scientific meetings were organized - an international conference EEI 2018 and a scientific conference "How to revive and strengthen our cattle breeding?". The central event of the celebration was the Assembly that was held on September 26, in the ceremonial hall of the Faculty of Civil Engineering in Belgrade. The necessary materials such as invitations, posters, badges, bags, diplomas, covers were prepared. There were present 98 members of the AESS, 5 foreign and 3 honorary members. There were also 20 guests (from the ministry, neighboring engineering academies and several institutions and faculties).

9. AWARDS AND PRIZES

On the occasion of the celebration of the 20th anniversary of the AESS, following members of the AESS received the awards, according to:

Department Biotechnical Engineering Sciences

1. Vasja Janjić, G. Đelić, V. Gajanin "Plants causing dermatosis in humans (phytodermatitis)", monograph, Banja Luka, 2018.
2. Vaskrsija Janjić, S. Mitrić, "Resistance of weed plants to pesticides", Banja Luka, 2018.

Department Civil Engineering Sciences

1. Milan Lojanica - 40th Salon of Architecture, Museum of Applied Art, 2018, project Rajičeva, Prize "Field of the Future"
2. Milan Lojanica: Exhibition "Towards a concrete utopia architecture in Yugoslavia, 1948-1980", MOMA - New York, 07/15/2018. years
3. Milan Lojanica - Thanks to SITS for 150 years of SITS
4. Živojin Prašević - Thanks to SITS for 150 years SITS

Department Electrical Engineering Sciences

1. Bratislav Milovanović, included in the encyclopedia "Famous Personality of the Niš", Niš, 2018.
2. Predrag Petrović, the best work on ETRAN, 2018, Telecommunications Section

Department Mechanical Engineering Sciences

1. Bosko Rašuo, Thank you SITS for dedicated work in the development of engineering for 150 years SITS

Department Mining and Geological Engineering Sciences

1. Radule Popović, M. Teodosijević, D. Batočanin-Srećković, Geological Dictionary Serbian-English-Turkish, Contango, Belgrade 2018.

Department Technology, Metallurgy and Materials Engineering Sciences

1. Vlada Veljković was elected as a correspondent member of the Serbian Academy of Sciences and Arts

2. Slobodan Petrović (team member) The main prize at the exhibition "Finding Belgrade 2018" and "IV of the Nations of Young Innovators", Belgrade, 2018.

10. MEDIA PRESENCE

The celebration of the 20 years AINS was the reason that the media are more interested. Thus, on the occasion of the ceremonial assembly, there were 7 media appearances including Tanjug. An even greater presence of the media (Tanjug, Beta, MGSI website and 6 other newspapers and TV appearances) took place on the occasion of the signing of the AESS and MCTI Agreement. But AESS still has no "own" press and its press conferences to track and promote it.

President of AESS

Prof. Dr Branko Kobvacevic

Remark:

Translation from Serbian to English was done by Prof. Biljana Stojanovic

Adopted at the meeting of the Presidency on 12. March. 2019.

Remark: The report is the draft. The final report will be adopted at the Annual Conference of the AESS on 27. March 2019.

**EXCERPT of FINANCIAL REPORT
for the period 23. 02. 2018 – 28. 02. 2019**

INCOMES (RSD)	
1. Membership of the partner organisations	1 695 000
2. Donations (EPS, CPM Consulting, Institute M. Pupin – for monographies, celebration)	1 344 320
3. Monographies selling	11 000
4. MESTD for the Euro CASE membership	106 356
5. Euro CASE service (P. Petrović)	117 826
6. Conference EEI2018	140 523
7. Surplus from 2017	169 768
TOTAL INCOMES	3 584 793

EXPENSES	
1. Workspace (the rent, phone, electricity, internet connection)	0
2. Work contract and transport, technical secretary	1 145 530
3. Service contracts, author contracts	345 336
4. Equipment – services	182 754
5. Office supplies	4 494
6. Representation (cocktails)	248 070
7. Invitation cards, plaques, certificates	159 765
8. Announcements (seminars, obituaries)	86 430
9. Taxes	8 120
10. Membership Euro CASE	409 227
11. Cash (office supplies, forms, transport, coffee, juices)	100 296
12. Bank commission fee	7 080
13. Monographies and anthologies	534 891
14. Transport expenses (Euro CASE, meetings, guests)	147 843
15. Other	41 750
TOTAL EXPENSES	3 421 586
Surplus for the 2019	163 207