Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Antanas Dumbrauskas**
Address(es)	Office: Universiteto g. 10, LT-53361, Akademija, Kauno raj., LITHUANIA . +370 (687) 93797,
Telephone(s)	Tel. +370 (37) 75 23 37, Cel.: +370 687 93797
Fax(es)	
E-mail	antanas.dumbrauskas@vdu.lt, antanas.dumbrauskas@gmail.com
Nationality	Lithuanian
Date of birth	1957-05-18
Gender	Male

Desired employment / Occupational field

Research and education, consultancy

Work experience

Dates	2019-present
Occupation or position held	Associate professor at institute of Water resources engineering. Vytautas Magnus University. Freelance consultant in international and domestic projects (part time).
Main activities and responsibilities	Teaching: Course “GIS basics” for baccalaurean students; Course “Modeling of hydraulic and hydrological processes”, “GIS Spatial analysis” and “Research methodology” for M.Sc. students; Team leader, consultant or advisor in engineering hydrology, water sector development, implementation of GIS technologies in water sector, developing training modules for specialists.
Name and address of employer	Vytautas Magnus University (VDU).
Type of business or sector	Research and education
Dates	1996-2019
Occupation or position held	Associate professor at institute of Water resources engineering. Aleksandras Stulginskis University (Former Lithuanian university of agriculture). Freelance consultant in international and domestic projects (part time).
Main activities and responsibilities	Teaching: Course “GIS basics” for baccalaurean students; Course “Modeling of hydraulic and hydrological processes”, “GIS Spatial analysis” and “Research methodology” for M.Sc. students; Team leader, consultant or advisor in engineering hydrology, water sector development, implementation of GIS technologies in water sector, developing training modules for specialists.
Name and address of employer	Aleksandras Stulginskis Universitu (Former Lithuanian University of Agriculture).
Type of business or sector	Research and education
Dates	1994-1997
Occupation or position held	Secretary of University (position in Rectors administration). Associate professor at Water Management Department, WMF LUA (part time 50%)
Main activities and responsibilities	Administration work. Teaching Course “Hydrology for Engineers” for baccalaurean students. Consultant, advisor in engineering hydrology, river basin management.
Name and address of employer	Lithuanian University of Agriculture (LUA)
Type of business or sector	Research and education

Dates	1993-1994
Occupation or position held	Associate professor at Water Management Department, WMF LUA Freelance consultant in international and domestic projects (part time).
Main activities and responsibilities	Administration work. Teaching Course “Hydrology for Engineers” for baccalaurean students. Consultant, advisor in engineering hydrology, river basin management.
Name and address of employer	Lithuanian University of Agriculture (LUA)
Type of business or sector	Research and education
Dates	1988-1993
Occupation or position held	Professor assistant at Water Management Department, WMF LUA Freelance consultant in international and domestic projects (part time).
Main activities and responsibilities	Teaching Course “Hydrology for Engineers” for baccalaurean students. Consultant, advisor in engineering hydrology, river basin management.
Name and address of employer	Lithuanian University of Agriculture (LUA)
Type of business or sector	Research and education
Dates	1982-1988
Occupation or position held	Professor assistant at Water Management Department, WMF LUA
Main activities and responsibilities	Assistant at Water Management Department, WMF LUA. Teaching Course “Hydrology for Engineers” for baccalaurean students. Doctoral studies in LUA (Litahuania) and UKRNIIGIM (Ukraine).
Name and address of employer	Lithuanian University of Agriculture (LUA)
Type of business or sector	Research and education

Education and training

Dates	September 1982- December 1988
Title of qualification awarded	Ph.D. candidate
Principal subjects/occupational skills covered	Cource work, research and studies
Name and type of organisation providing education and training	Doctor degree dissertation at Ukrainian Research Institute of Reclamation and Hydraulic Engineering. Kiev. Ukraina (UKRNIIGIM) 1987-1988 “Analysis, Simulation and Forecast of Snowmelt Runoff in Small Drained Catchments in Lithuania” and doctoral studies in Lithuanian University of Agriculture 1982-1986
Dates	September 1975- June 1980
Title of qualification awarded	Hydraulic engineering (qualification of engineer)
Principal subjects/occupational skills covered	Studies
Name and type of organisation providing education and training	Lithuanian University of Agriculture (LUA)

Other training

Extra GIS courses. TEMPUS. Vytautas Magnus University 1992. Lithuania.

Postgraduate courses of Environment impact assessment Utrecht, The Netherlands. 1994.

Stipendium of Swedish institute. VISBY program. Visiting scientist. (1- 3 month per year) Lund University, Sweden. 1994-2000.

Postgraduate course: Microcomputer applications in land drainage. International course. ILRI, Wageningen, The Netherlands,1977.

Postgraduate course: TEMPUS. Environmental engineering. Lund University, Sweden. 1988.

Esri Cource. Arcgis III Performing analysis 2015, Hnit -Baltic, Lithuania

ESA Training Cource on Radar and Optical Remote Sensing. 2016 Cesis, Latvia

Personal skills and competences

Mother tongue(s)	**Lithuanian**

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
Russian	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B1	Independent user

Organisational skills and competences

3 years' work experience at rector's office (LUA) and 6 years' experience at faculty dean's office (WMF LUA). Team leader of research projects (total 8 projects) 10 Years work experience at position of Vicedean for research affairs 2005-2014.

Computer skills and competences

Computer practice since 1990.

Experience in MS-DOS, Windows 10/ Microsoft Office, proficient with models in hydrology, hydraulic, (HEC-HMS, HYFRAN, HEC RESIM, HEC-RAS, Hydrotec), water management and environmental modeling, good knowledge in ArcView, ArcGISPro, ArcGIS 10,6 QGIS, image processing, etc.

Driving licence

Category B

Annexes

1. Relevant projects
2. Relevant publications

Anex 1 Relevant projects

Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned:	
Name of assignment or project: Lithuanian Inland waterways plan & feasibly study.	
Year:	1996-1997
Location:	Lithuania
Client:	Ministry of Transport of Lithuania, PHARE
Main project features: Analysis of former structure of inland waterways in Lithuania and capability to meet new European requirements of navigation and river transport. Possibilities to connect Lithuanian inland waterways with European and Belorussian inland waterways. Hydrological analysis and waterway depth in navigation period of selected rivers.	
Positions held:	Hydraulic engineering Specialist
Activities performed:	Site visits, stakeholder meetings, document revision, checklist preparation, seminar organization and presentation of the findings and recommendations, reporting
Name of assignment or project: Environmental Effects of Agricultural Practices – Hydrology and Nutrient Transport.	
Year:	1998 – 2000
Location:	Lund University, Sweden
Client:	Swedish institute VISBY program
Main project features: evaluating the effect of tile drainage on hydrological regime and water quality in small catchment in Lithuania. Collected data as daily discharge values of surface and subsurface flow, maps of drainage system and soil properties. Performed computer modeling using MikeShe and SWRBWQ models concerning the influence of tile drainage on water regime and water quality.	
Positions held:	Hydrological modeling specialist
Activities performed:	Inception report, intermediate and final reports. Seminar. Presentation in international conference. Publication of research papers.
Name of assignment or project: Analysis of flood risks and associated economic and environmental consequences in the downstream region of the Nemunas river.	
Year:	April 1998 December 2001
Location:	Lithuania

Client:	Lithuanian State Science and Study Foundation
Main project features: development of a composite flood management system (FMS) for the downstream region of Nemunas River. Flood risk evaluation, predictions and comprehensive consequences analysis on both sides of the region, i.e. in Lithuania and Russia. For both sides Civil Defense Organizations implementation of the new FMS makes possible to take effective common actions to protect the people and mitigate the negative consequences of high waters, which frequently hit the area.	
Positions held:	Team Leader, Hydrology expert
Activities performed:.	Inception report, intermediate and final reports. Presentation in international conference. Publication of research papers. Stakeholder consultations, developing of methodology and recommendations
Name of assignment or project: Development of the National Strategy for Water Resources Management and Protection by 2005.	
Year:	April 1999 - December 2000
Location:	Lithuania
Client:	Ministry of Environment of Lithuania
Main project features: National strategy, and action plan for river basin protection and water resources management taking into account the EU environmental requirements.	
Positions held:	Expert of hydrology and GIS
Activities performed:	Stakeholder consultations, document analysis, developing strategy for transition from existing to new river basin management system of water resources.
Name of assignment or project: Small Hydro in Lithuania / Blue Energy for a Green Europe.	
Client:	EC ALTENER research programme. ECC-Contract: N4. 1030/Z/99-253
Year:	January 2000 – December 2000
Location:	Lithuania
Client:	EC ALTENER research programme. ECC-Contract: N4. 1030/Z/99-253
Main project features: Re-evaluation of small hydropower potential, collection and processing data on operating hydropower plants in Lithuania.	
Positions held:	Hydrology expert
Activities performed:	Inception report, dissemination of results, meeting with stakeholders, final reporting.
Name of assignment or project: Establishment of the Programme for the protection and sustainable use of the lower Nemunas river and Curonian lagoon.	
Client:	Ministry of Environment of Lithuania
Year:	January 2001 – December 2001
Location:	Lithuania
Client:	Ministry of Environment of Lithuania
Main project features: Analyze the area of Nemunas downstream and Curronian lagoon from different points of view: farming, development of polder systems, protection from flooding, development of rural tourism, navigation and evaluate all possibilities concerning the status of protected area. Carefully analyze former documents and prepare new program for sustainable development of the area.	
Positions held:	Senior Environmental Manager
Activities performed:	defining the main areas of activities in the regions, prepare a new programme for sustainable development of the area, organize seminar for stakeholders and local municipality
Name of assignment or project: Predicting and mitigating the consequences of potential accidents at Ignalina NPP	
Year:	January 2001 – December 2001
Location:	Lithuania
Client:	Ministry of Environment of Lithuania
Main project features: Analyze the area of Nemunas downstream and Curronian lagoon from different points of view: farming, development of polder systems, protection from flooding, development of rural tourism, navigation and evaluate all possibilities concerning the status of protected area. Carefully analyze former documents and prepare new program for sustainable development of the area.	
Positions held:	Senior Environmental Manager

Activities performed:	defining the main areas of activities in the regions, prepare a new programme for sustainable development of the area, organize seminar for stakeholders and local municipality
Name of assignment or project: Pre-feasibility and Feasibility Study of Kaunas Hydroelectric Power Plant (KHPP) Rehabilitation and Upgrading.	
Year:	February 2000 – February 2001
Location:	Lithuania
Client:	Lithuanian energy, SwedPower
Main project features: Collect all possible reports and monitoring data and prepare detail report about the sate of earth dam of Kau-nas HPP: drainage system, filtration through the dam, stability of the dam, monitoring system. Propose recommendations for improvement of monitoring systems and future maintenance of the earth dam.	
Positions held:	Team Leader
Activities performed:	Stakeholder meetings, consultations with the KHPP administration and personnel, perform necessary investigations for additional data, prepare final report.
Name of assignment or project: GIS database development of Nemunas delta polder systems.	
Year:	January 2002 – December 2003
Location:	Lithuania
Client:	Ltd. Silutes polderiai
Main project features: Development of GIS data base. Georeferencing of paper maps. Vectorization of polder systems (drainage sys-tem, channels, hydraulic structures, dikes, land use) using georeferenced maps and Ortophoto images, controlling by local measure-ments using GPS.	
Positions held:	Team leader
Activities performed:	Meeting with stakeholders to clarify the requirements for database, seminar for presentation of database in action. Final report and database implementation, staff training
Name of assignment or project: Master Plan for the Neris River Ba-sin. Water supply and water treatment implementation plan depend-ing on ecological situation of the tributaries of river Neris.	
Year:	2003 – 2006
Location:	Lithuania
Client:	Ministry of Environment of Lithuania, ISPA Agency
Main project features: Collect all necessary data for evaluating of existing water supply and water treatment systems, evaluate them according new standards and requirements for drinking water and waste water treatment, perform statistical analysis of collected data, create GIS data base of waste water treatment and water supply systems, prepare master plans according requirements of ISPA for future application for EU findings.	
Positions held:	GIS data base developer
Activities performed:	analysis and revision of preliminary documents an data about Neris subbasin, consultations of municipalities, questionnaire of local organizations and specialists, evaluating situation of water supply and water treatment., reporting.
Name of assignment or project: Report on Small Hydropower situation in the new EU member States and Accession countries (Estonia, Cyprus, Bulgaria, Hungary, Latvia, Poland, Romania, Slovakia, Slovenia, Turkey) Thematic Network on Small Hydropower (project coordinator – European Small Hydropower Association). Fifth Framework Programme.	
Year:	November 2006 –December 2008
Location:	EU member States and Accession countries
Client:	EU DG TREN
Main project features: Collection and processing data on small hydropower plants (number, plants types, installed capacities, opera-tion mode, environmental restrictions (reserved flow, reservoir water level fluctuations), economic and financial issues in new Member states and candidate countries	
Positions held:	Hydrology/hydropower expert
Activities performed:	Inception report, dissemination of results, meeting with stakeholders, final reporting.
Environment Impact Assessment of the planned Alytus Hydro-power plant (Existing hydroelectric facilities, Analysis of river basin development plan, Performance of hydrologic, hydraulic investigations, Multicriteria analysis of alternatives)	
Year:	2004
Location:	LIthuania
Client:	Private company and Lithuanian Ministry of Environment.
Main project features: create digital terrain model for the potential area of the reservoir for several scenarios (including worst) collect all necessary data for EIA: protected areas, forests, land use data etc.. Collect hydrological data and perform calculations for hydrodynamic 1D and 2D modeling for different scenarios. Create GIS maps with inundated areas in case of building HPP. Prepare conclusions and recommendations.	
Positions held:	Hydrology expert
Activities performed:	collection of data, necessary for EIA, consultations within local municipalities and society, publication results of EIA for society. Reporting.

Development of standards and regulations for determining hydrological characteristics for water projects and for engineering defense of areas from flooding (Technical regulations for construction).	
Year:	2004 - 2005
Location:	Lithuania
Client:	Ministry of Environment of Lithuania
Main project features: Analysis of former standards, verify them with new hydrological data (new longer data series), climate change etc. Create new methods of calculations including new findings of researchers. Prepare new technical regulations for construction for hydrological calculations and flood defense systems.	
Positions held:	Hydrology expert
Activities performed:	Collect and analyze all former standards and regulations, research projects, create new regulations.
Name of assignment or project: Flood risk assessment and mitigation of river Minija and Akmena-Dane basins.	
Year:	December 2005 - December 2006
Location:	Lithuania
Client:	Head of administration of Klaipeda county)
Main project features: Collect hydrological data, create GIS data base with river network, hydraulic structures, cities and settlements, land use, protected areas etc. Create digital terrain model for main river valleys. Perform hydraulic modeling 1D, create maps of inundation for 100 and 10 year return period. Calculate flood risk and make proposals for flood mitigation measures – structural and non structural. Recommendations for warning system implementation.	
Positions held:	Team Leader
Activities performed:	Inception report, meeting with administration of Klaipeda county. Intermediate and final reporting. Preparing maps of flooding.
Name of assignment or project: The feasibility study of inland waterway for the River Nemunas from Kurshiu lagoon to Kaunas.	
Year:	2006-2007
Location:	Lithuania
Client:	Ministry of Transport of Lithuania
Main project features: Analysis of waterway Kurshiu lagoon - Kaunas. Collect bathymetry data for the whole river reach. Create digital terrain model for river bed and floodplain. Perform 2D hydrodynamic modeling and calculate the depth of waterway in different periods of navigation season. According required depth for navigation, propose different scenarios to keep necessary depth and find the most economically sound. Prepare draft calculations for implementation of proposed measures.	
Positions held:	Hydrology and GIS expert
Activities performed:	Inception report, meetings with Direction of inland waterways. Intermediate and final reporting. Meetings with media representatives and society.
Name of assignment or project: Multipurpose use of Neris River for inland navigation, hydropower and recreation. Preparation of recommendations for the Government.	
Year:	2006-2008
Location:	Lithuania
Client:	Ministry of Economy of Lithuania.
Main project features: Establishing of river management plan (flood protection, depth for navigation, water supply, storage reservoir installation, hydropower resources estimation)	
Positions held:	Water management specialist
Activities performed:	Inception report, dissemination of results, meeting with stakeholders, final reporting.
Name of assignment or project: Small Hydro Energy Efficient Promotion Campaign Action. (SHERPA) "Intelligent Energy for Europe. Report on Small Hydropower policy framework and market situation in the EU. Project coordinator – European Small Hydropower Association.	
Year:	April 2002 – June 2004
Location:	Lithuania
Client:	EU DG TREN
Main project features: Collection and processing data on small hydropower plants (number, plants types, installed capacities,, operation mode, environmental restrictions (reserved flow, reservoir water level fluctuations), economic and financial issues in EU	
Positions held:	Hydropower, environmental engineering specialist
Activities performed:	Inception report, dissemination of results, meeting with stakeholders, final reporting.
Name of assignment or project: Due Diligence: Feasibility study: Cijevna SHPPs, Bosnia & Herzegovina (Republic of Srpska)	
Year:	November 2007 – December 2009
Location:	Lithuania
Client:	SWECO AB Hydropower & Dams
Main project features: Hydropower generation modeling under run –of-river and hydropeaking operation modes of a cascade of low head small power plants.	
Positions held:	Hydropower engineering specialist (resource assessment)
Activities performed:	Inception report, dissemination of results, meeting with stakeholders, final reporting.
Name of assignment or project: Optimization of hydrological regime of Nevezis basin for improvement of water quality as a case study for other Lithuanian river basins. (Implementing the EU water directive).	
Year:	April 2009- December 2010
Location:	Lithuania

Client:	Environment Protection Agency, Lithuania
Main project features: GIs data base development for Nevezis basin. Collection of hydrological data for all gauging stations. Collection of data about land use, land drainage areas, forestations and deforestations, intensity of farming. Evaluation of human impact on hydrological regime of Nevezis river. Proposals for increase of low flow in the river. Evaluation of flow transfer from other basins. Influence of artificial ponds and reservoirs on low flow. Different hydraulic structures and agrotechnical measures for increasing the low flow. Evaluation of the effect of increased low flow on water quality and habitat conditions.	
Positions held:	Hydrology and GIS expert
Activities performed:	Inception report, reports and presentations for steering committee, final reporting.
Name of assignment or project: Feasibility study of restoration of close to natural conditions in straightened rivers in Lithuania	
Year:	April 2009- December 2010
Location:	Lithuania
Client:	Environment Protection Agency, Lithuania
Main project features: Create of GIS data base of river network including all rivers over 3 km2. Using different sources of information estimate straightened river riches (mainly during implementation of land reclamation projects), natural, ponded and canalized riches. Classify all unnatural reaches into categories with different impact on hydrological regime and habitat. Prepare recommendations for river restoration.	
Positions held:	Hydrology and GIS expert
Activities performed:	Inception report, reports and presentations for steering committee, final reporting.
Name of assignment or project: Flood risk and hazard maps in Lithuania. Part II (Implementation of Flood directive).	
Year:	April 2011- September 2013
Location:	Lithuania
Client:	Environment Protection Agency, Lithuania
Main project features: Implementation of Flood directive. Flood hazard and risk maps.	
Positions held:	Hydrology expert
Activities performed:	Inception report, reports and presentations for steering committee, final reporting, flood modeling, staff training.
Name of assignment or project: Remote sensing for monitoring of open ditches	
Year:	April 2016- September 2017
Location:	Lithuania
Client:	Ministry of Agriculture, Lithuania
Main project features: Application of remote sensing technologies for monitoring of open diches. Flood hazard and risk maps.	
Positions held:	Hydrology expert
Activities performed:	Inception report, reports and presentations for steering committee, final reporting, flood modeling, staff training.
Name of assignment or project: Remote sensing for monitoring of open ditches (team leader)	
Year:	April 2016- September 2017
Location:	Lithuania
Client:	Ministry of Agriculture, Lithuania
Main project features: Application of remote sensing technologies for monitoring of open diches. Flood hazard and risk maps.	
Positions held:	Hydrology expert
Activities performed:	Inception report, reports and presentations for steering committee, final reporting, flood modeling, staff training.

Anex 2 Relevant publications

Regulations and standards

1. STATYBOS TECHNINIS REGLAMENTAS. STR 2.03.03:2005, INŽINERINĖS TERITORIJŲ APSAUGOS NUO PATVENKIMO IR UŽTVINIMO PROJEKTAVIMAS. PAGRINDINĖS NUOSTATOS. (In Lithuanian). Regulation STR 2.03.03.:2005 Guidelines for flood frequency calculations.
2. STATYBOS TECHNINIS REGLAMENTAS. STR 2.05.19:2005 INŽINERINĖ HIDROLOGIJA. PAGRINDINIAI SKAIČIAVIMŲ REIKALAVIMAI. (In Lithuanian). Regulation STR 2.05.19.:2005 Guidelines for flood protection measures.

Research publications

1. Petras Punys, Algis Kvaraciejus, Antanas Dumbrauskas, Linas Šilinis, Bogdan Popa, An assessment of micro-hydropower potential at historic watermill, weir, and non-powered dam sites in selected EU countries, Renewable Energy, Volume 133, 2019, Pages 1108-1123, ISSN 0960-1481, https://doi.org/10.1016/j.renene.2018.10.086.

1. Antanas Dumbrauskas, Gitana Vyčienė. GIS Based of the Flash Flood Risk Estimation in Urban Areas. Kaunas City Case Study. Environmental research, engineering and management. Vol. 74, No3 (2018). Print ISSN: 1392-1649 Online ISSN: 2029-2139 http://dx.doi.org/10.5755/j01.erem.74.3.21088
2. Petras Punys, Egidijus Kasiulis, Algis Kvaraciejus, Antanas Dumbrauskas, Gitana Vyčienė, Linas Šilinis, Impacts of the EU and national environmental legislation on tapping hydropower resources in Lithuania – A lowland country, Renewable and Sustainable Energy Reviews, Volume 80, 2017, Pages 495-504, ISSN 1364-0321, https://doi.org/10.1016/j.rser.2017.05.196.
3. Punys, Petras; Dumbrauskas, Antanas; Kasiulis, Egidijus; Vyčienė, Gitana; Šilinis, Linas. Flow regime Changes: From Impounding a Temperate Lowland River to Small Hydropower Operations // Energies. Basel: Molecular Diversity Preservation

International (MDPI). ISSN 1996-1073. 2015, Vol. 8, Iss. 7, p. 7478-7501. [ISI Web of Science]. [Citav. rod (F): 2.077; bendr. cit. rod: 4.383 (2015)]

4. Punys, Petras; Dumbrauskas, Antanas; Kvaraciejus, Algis; Vyčienė, Gitana. Tools for Small Hydropower Plant Resource Planning and Devel-opment: A Review of Technology and Applications // Energies. Basel: Molecular Diversity Preservation International (MDPI). ISSN 1996-1073. 2011, Vol. 4, Iss. 9, p. 1258-1277
5. Vaikasas S. and Dumbrauskas A. Self-purification process and retention of nitrogen in floodplains of River Nemunas // Hydrology Research. IWA Publishing 41.3–4, 2010. P 338-345.
6. Dumbrauskas A., Bagdžiūnaitė-Litvinaitienė L., Vyčienė G. Trend de-tection in hydrological series of main Lithuanian rivers // The 7th International conference "Environmental engineering": selected papers, May 22-23, 2008 Vilnius, Lithuania. Vol. 2. Vilnius: Technika, 2008. p. 508-514.
7. Punys, Petras; Dumbrauskas, Antanas; Rimkus, Zenonas; Štreimikienė, Dalia. Renewable energy in the Baltic countries: the case of hydropower // Houille blanche - revue internationale de l eau. ISSN 0018-6368. 2006, Iss.1. p. 91-101.
8. Dumbrauskas A., Mozgeris G., Šikšnys A. (Some aspects of digital terain model for Nemunas river bed) Nemuno vagos dugno skaitmeninio paviršiaus modelio sudarymo ypatumai // Vandens inžinerija: šiuolaikiniai tyrimų metodai ir technologijos, Birštonas, 2006. p.17-20. ISBN 9955-448-51-2. (In Lithuanian)
9. Šikšnys A.; Dumbrauskas A. (The influence of waterway dredging on water levels changes in the river Nemunas) Farvaterio gilinimo įtaka Nemuno vandens lygiams // Vagos. ISSN 1648-116X. Nr. 70(23). 2006. p. 105-111. (In Lithuanian)
10. Raškinienė D., Dumbrauskas A. A simplified model of snowmelt simulation. Proceedings of Fourth Nordic–Baltic Agrometrics Conference. – Sweden: Uppsala, 2003. - P. 43-50. ISSN 1650-1446.
11. Dumbrauskas A., Punys P. Character of floods of the Nemunas river delta. // Proceedings International Conference (CD). Towards natural flood reduction strategies. Warsaw, 6-13 September 2003, 6 p.
12. Mozgeris G., Dumbrauskas A. Investigation of geometrical accuracy of ortho photos produced for forest inventory aims. The Geographical Yearbook XXXVI(1) 2003, P. 237-249.
13. Ascila R. Dumbrauskas A., Punys P. Hydrological aspects of Flooding of the Nemunas river delta // Transactions of LUA LIWM, 2002. Nr. 18(40). – P. 3-12.
14. Dumbrauskas A., Siksnys A. (Application of 1-D hydrodynamic model for flood mapping in Nemunas downstream) Vienmačio skaitmeninio hidro-dinamikos modelio taikymo potvynių zonavimui Nemuno žemupyje įvertinimas // LŽŪU ir LVŪI mokslo darbai, 2001. Nr15(37). – P.26-35. (In Lithuanian).
15. Dumbrauskas A. (Digital experiment of storm intensity analysis an overland flow) Liūčių struktūros analizė ir paviršinio nuotėkio formavimosi skaitmeninis eksperimentas. / Lietuvos Žemės ūkio universiteto ir Lietuvos vandens ūkio instituto mokslo darbai, 2000, Nr. 12 (34). – P. 18-27. (In Lithuanian).
16. Vaikasas S., Rimkus A., Dumbrauskas A. (Prediction of long term river bed deformations in Nemunas delta area) Nemuno vagos dugno deformacijų deltoje prognozė // LŽŪU ir LVŪI mokslo darbai, 2000. Nr13(35). – P.15-20 (In Lithuanian)
17. Dumbrauskas A., Iritz L., Larsson R., Povilaitis A., Tumas R. Envi-ronmental Effects of Agriculture Practices. Hydrology and Nutrient Trans-port. Part II - Nutrient Cycle. Report No 3228, Lund, Sweden 2000, 72 p.
18. Dumbrauskas A., Iritz L., Larsson R., Povilaitis A. Effects of till drainage on the hydrological regime of a watershed. Second Study Conference on BALTEX, 25-29 May 1998, Proceedings. Juliusruh, Island of Rugen,Germany. P. 41-42.
19. A.Dumbrauskas, R.Larsson. The Influence of Farming on Water Quality in the Nevėžis Basin - / Environmental Research, Engineering and Management. - 1997 Nr.2 P. 48-55.
20. A.Dumbrauskas, R.Larsson Effects of Changes in Land Use on Runoff in Nevėžis Basin - / Environmental Research, Engineering and Man-agement. - 1995 Nr.1 p.p. 47-52.

Date: 28th February 2019