

APPROVED

Vice-Rector for Scientific
Research of West Ukrainian
National University
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CONCLUSION

**on the scientific novelty, theoretical and practical significance
of the results of the dissertation of Wei Linhai on the topic of
«Environmental sustainability of PRC international trade»,
submitted for the degree of Doctor of Philosophy
in the field of knowledge 29 – International relations
in the specialty 292 – International economic relations**

Extract

from the protocol of the Professional Seminar Meeting of
International Economic Relations Department
of June 18, 2024, protocol No. 1

PARTICIPANTS: Head of International Economic Relations Department, Doctor of Economic Sciences, Professor Zvarych R. Ye. (scientific supervisor); Professor of International Economic Relations Department, Doctor of Economic Sciences, Professor Sokhatska O. M.; Head of International Economics Department, Doctor of Economic Sciences, Professor Zvarych I. Ya.; Professor of International Economics Department, Doctor of Economic Sciences, Professor Ivashchuk I. O.; Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Myhal O. F.; Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Bagley R. R.; Associate Professor of International Economic Relations Department, Candidate of Philological Sciences, Associate Professor Batryn N. V.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Bolkvadze N. I.; Associate Professor of International Economic Relations Department,

Associate Professor Bratco O. S.; Associate Professor of International Economic Relations Department, Candidate of Philological Sciences, Associate Professor Verhun L. I.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Voytenko O. M.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Homotiuk V. O.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Demianiuk O. B.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences Zhyvko M. A.; Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Dluhopolska T. I.; Associate Professor of International Economic Relations Department, PhD Lutsiv R. S.; Lecturer of International Economic Relations Department Mazur N. S.; Postgraduate student Wei Linhai.

Of those present there are 5 doctors of economic sciences, 5 are specialists in the field of the submitted dissertation.

Head of the professional seminar – Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Myhal O. F.

Scientific supervisor: Head of International Economic Relations Department, Doctor of Economic Sciences, Professor Zvarych R. Ye.

Reviewers: Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O.; Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A.

The professional seminar was held in English.

AGENDA:

Discussion of the dissertation of the postgraduate student Wei Linhai on the topic «Environmental sustainability of PRC international trade», submitted for the degree of Doctor of Philosophy in knowledge area 29 – «International relations», specialty 292 – «International economic relations» regarding its recommendation for defense.

POINTS DISCUSSED:

The presentation of the postgraduate student of International Economic Relations Department Wei Linhai on the results of the research. The postgraduate student substantiated the relevance of the dissertation topic, outlined its purpose and objectives, familiarized the audience with the structure and main provisions, and revealed the scientific novelty, theoretical and practical value of the results obtained.

The speaker was asked 8 questions on the content of the dissertation, to which he received comprehensive answers, in particular:

1. During last 5 years, China has implemented a lot of initiatives to protect the environment. However, very often they decrease the effectiveness of production and trade. Is win-win situation possible in this case or it's constant trade-offs?

- Express your vision of this dilemma. (Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O.).
2. You have paid a lot of attention to the «decoupling» process in your research. Explain how we could measure it quantitatively? (Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O.).
 3. What definition of the concept of «environmental sustainability of international trade» do you use in your research as a basic one? Have you made your own clarification of this concept? (Professor of International Economic Relations Department, Doctor of Economic Sciences, Professor Sokhatska O. M.).
 4. How will environmental sustainability have a positive impact on China's international trade? (Professor of International Economic Relations Department, Doctor of Economic Sciences, Professor Sokhatska O. M.).
 5. What are the main challenges facing China in realizing environmental sustainability in international trade? (Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A.).
 6. How can the government encourage businesses and consumers to adopt more environmentally sustainable practices? (Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A.).
 7. How, in your opinion, to balance the development of international trade and environmental protection? (Associate Professor of International Economic Relations Department, Candidate of Economic Sciences, Associate Professor Homotiuk V. O.).
 8. What are the main results of your dissertation that have practical significance for Ukraine? (Associate Professor of International Economic Relations Department, PhD Lutsiv R. S.).

Reviewer, Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O. emphasised the relevance of the topic of Wei Linhai's dissertation, noting that international trade, if not aligned with the principles of sustainable development, can cause significant environmental damage. In addition, the link between trade, environment and sustainability is critical for the development of regions, countries and the global economy. China, as a major trading power, has achieved significant success in expanding international trade through its open trade policy. This makes the problem of environmental sustainability of China's international trade more urgent and requires new approaches to its consideration.

In addition, the reviewer emphasised the novelty of the study and stressed the importance of the applied model proposed by the author for the implementation of China's environmentally sustainable trade strategy.

At the same time, Professor I. O. Lishchynskyy highlighted a number of provisions and conclusions that are debatable. In particular, it would be advisable to specify the objectives of the dissertation research and scientific novelty. In paragraph 1.3, it would be worthwhile to consider in more detail the regulatory and institutional aspects of regulation at the global, regional and national levels. In paragraph 2.1, it would be worthwhile to systematise the information in more detail and to deepen the key aspects of the research in a more systematic way. In paragraph 2.3, it is advisable to focus more attention on the analysis of international trade. In general, the dissertation would have been more beneficial if the author's independent calculations were based on the analysis of primary data. In addition, the text of the dissertation needs to be corrected for mechanical inaccuracies.

These comments will contribute to a better reflection of the scientific and practical significance of the dissertation. Summing up the above, Wei Linhai's dissertation for the degree of Doctor of Philosophy is an independent, complete, reasoned, and relevant research. The obtained theoretical and practical results are characterised by scientific novelty, are well-grounded and contribute to solving the problem of environmental sustainability of international trade.

Since the dissertation meets all the established requirements, it can be recommended for consideration by a One-time Specialised Academic Council in the speciality 292 – International Economic Relations.

Reviewer, Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A. noted that the topic and content of Wei Linhai's dissertation on «Environmental Sustainability of PRC International Trade» correspond to the passport of the speciality 292 – International Economic Relations. The author substantiated the purpose and objectives of the research, the scientific novelty and practical significance of the obtained results. The dissertation made a theoretical generalization and proposed a new solution to the scientific problem of environmental sustainability of PRC international trade and developed practical recommendations of environmentally sustainable trade strategy. As a result of research, conclusions of scientific, theoretical and practical directions were formulated.

Associate professor Anastasiya Virkovska emphasized that environmental sustainability in the context of the PRC international trade involves balancing economic growth with eco-friendly practices. Key factors contributing to changes in environmental sustainability include: implementing stringent environmental regulations, incentivizing eco-friendly practices, investing in green technologies, ensuring transparency and accountability throughout the supply chain. These measures are crucial for mitigating the environmental impact of cross-border trade and promoting sustainable development both regionally and globally.

Despite the positive assessment of the dissertation, Associate Professor Anastasiya Virkovska noted that it is appropriate to strengthen some blocks with mathematical calculations, in paragraph 2.3 make a correlation-regression analysis of GEI, ExpGov and

EPI. In paragraph 3.2 add information about green trade and green investing in PRC. When planning a future defense, it is worth making the presentation more concise so as not to go beyond the set time.

The expressed remarks will contribute to ensuring a better reflection of the scientific and practical significance of the dissertation. Summarizing the above, the dissertation of Wei Linhai for the degree of Doctor of Philosophy is independent, complete, reasoned, performed on a current topic of scientific research. In general, Associate Professor Anastasiya Virkovska emphasized the relevance of the research and recommended supporting Wei Linhai in the next stages of the procedure for preparing the dissertation for a One-time Specialised Academic Council.

The Scientific Supervisor, Head of International Economic Relations Department, Doctor of Economic Sciences, Professor Zvarych R. Ye., noted that the dissertation outlines a range of topical issues related to the scientific substantiation and in-depth research of the problem of developing environmental sustainability of international trade. Professor Zvarych R. Ye. stressed that the results of the dissertation are of practical importance, which is that the main theoretical provisions of the research of key areas of development of environmental sustainability of international trade and ways to implement China's environmentally sustainable trade strategy can be used in the practical activities of business units that have foreign trade relations and in further scientific developments. The supervisor noted that the results of the dissertation were obtained through the use of modern research methods and the processing of a large database of scientific sources. The dissertation presents a new solution to an important scientific task, which is to substantiate the theoretical foundations of international trade and formulate prospects for environmental sustainability in the context of developing an applied model for implementing China's environmentally sustainable trade strategy.

The main scientific developments on the model of China's environmentally sustainable trade strategy were used in the preparation of scientific reports based on the results of scientific research of the West Ukrainian National University. The author has developed for the first time a model of China's environmentally sustainable trade strategy, which contains proposals for environmental restructuring of the economy and covers vectors for promoting technical innovation. The improved concept of China's environmental sustainability in the system of international economic relations deserves special attention. The author paid attention to the terminology, in particular, to improving the definitions of «green international trade» and «decoupling» and developing methodological approaches to the environmental component of international trade.

It is worth highlighting the applicant's analysis of trends in the development and restructuring of international trade and the assessment of the impact of technological improvements on reducing CO₂ emissions and their coverage. Exploring the opportunities and prospects for environmental sustainability of China's international trade, the author

outlined the components of China's sustainable trade strategy. By analysing the ways in which China uses and consumes natural resources, the applicant has established the contribution of international trade to reducing extreme poverty in the world.

In view of the above, Wei Linhai's dissertation is relevant. The dissertation presents a new solution to an important scientific task, which is to scientifically substantiate the theoretical concepts of environmental sustainability of international trade in the context of developing an applied model for implementing China's environmentally sustainable trade strategy.

The reliability of the research results and the objectivity of Wei Linhai's scientific provisions are confirmed by: processing a significant amount of domestic and foreign literature; in-depth empirical analysis and skills in using modern software; approving the results of the dissertation at international and national scientific and practical conferences.

In terms of its structure and content, Wei Linhai's dissertation on «Environmental Sustainability of PRC International Trade» corresponds to the passport of the speciality 292 – International Economic Relations. Based on its relevance, structure, content, taking into account the scientific and professional level of writing the chapters, the scientific novelty of the results obtained, their practical significance, Wei Linhai's dissertation should be considered a completed, independent scientific research.

The conclusions and proposals are sufficiently substantiated and reasoned, and the tasks assigned to the dissertation have been completed, which serves as the basis for the recommendation to consider the dissertation in a One-time Specialised Academic Council in the specialty 292 – International Economic Relations.

The discussion of the dissertation was also attended by: Doctor of Economic Sciences, Professor Sokhatska O. M., Doctor of Economic Sciences, Professor Ivashchuk I. O., Candidate of Economic Sciences, Associate Professor Myhal O. F., Candidate of Philological Sciences, Associate Professor Batryn N. V.; Candidate of Philological Sciences, Associate Professor Verhun L. I.; PhD, Associate Professor of International Economic Relations Department Lutsiv R. S.

In their speeches, the members of the professional seminar noted that the dissertation of Wei Linhai was carried out on a relevant topic. The participants of the discussion noted the theoretical and practical value of the research results. The submitted dissertation is marked by the required level of scientific novelty, while all the provisions presented by the author were developed independently and are sufficiently substantiated and empirically confirmed. The scientific achievements of the applicant have been approved at international and all-Ukrainian scientific and practical conferences, published in scientific professional publications of Ukraine, as well as in a scientific professional publication included in the international scientometric database Scopus and WoS.

Following an open and comprehensive discussion of Wei Linhai's dissertation, the following conclusion was made:

Based on the results of the discussion, attendees at the meeting

APPROVED:

To accept the conclusion on the dissertation of Wei Linhai on the topic «Environmental Sustainability of PRC International Trade» as meeting the requirements for a dissertation and to propose to the Academic Council of the University to approve the conclusion of the professional seminar.

CONCLUSION

on the scientific novelty, theoretical and practical significance of the results of the dissertation

Rationale for choosing the research topic and its connection with the scientific plans of the university

The relevance of the topic of the dissertation is that the advancement of global trade and ecological sustainability are two crucial components of societal well-being and economic progress, with a close interconnection. The swift expansion of global trade can somewhat facilitate the advancement of environmental conservation. Enhancing environmental conservation will incentivize entrepreneurs to opt for manufacturing and selling more eco-friendly goods, thereby expanding trade opportunities for environmentally friendly products; however, under specific circumstances, global trade and the environment may also be at odds. Environmental conservation has introduced fresh standards and demands for the progression of global trade. Environmental statutes and regulations limit or even forbid the global trade of numerous goods. International trade that does not adhere to sustainable development will significantly harm the local ecological environment. With the escalating concern over environmental pollution and the growing influence of ecocentrism, the international community's comprehension of ecological civilization is advancing. A new trend labeled as «ecological» is emerging across various industries and sectors. This trend aims to evaluate all activities in economic and social progress through an ecological lens. The primary objective is to achieve a balanced development of the economy, society, population, resources, and the environment. Ever since the concept of «sustainable development» was introduced by the World Commission on Environment and Development in 1987, China has been progressing towards an «ecological» approach. The strategies of «winning through quality», «market diversification», and «technological trade revitalization» in the 1990s were all influenced, either directly or indirectly, by the goals of resource conservation, reduction of ecological harm, and stabilization of economic growth.

The connection between trade, the environment, and sustainability is crucial for the development of regions, countries, and the global economy. China, as a prominent trading nation, has made significant strides in expanding its international trade, thanks to its commitment to open trade policies. Studies have pinpointed the key drivers behind the shifts in environmental sustainability within China's international trade. These studies have also outlined how China has managed to increase its trade volume while promoting sustainable environmental practices. Furthermore, the analysis has shed light on the impact and significance of the continuous growth in trade on China's environmental sustainability. By examining the data on the size and composition of China's international trade, researchers have been able to identify the changes that influence the link between international trade and environmental sustainability. The dissertation provides evidence for the theoretical and methodological framework of international trade and its role in environmental sustainability. It discusses system characteristics such as the development of international trade in relation to total GDP, analysis of the structure of international trade patterns, and the geographical direction of international trade. Additionally, it explores the principles of environmental sustainability including total industrial waste gas emissions and their treatment, generation, disposal, and comprehensive utilization of industrial solid waste, as well as industrial wastewater emissions, industrial chemical oxygen demand emissions, and industrial ammonia nitrogen emissions.

This problem actualizes the problem of environmental sustainability of PRC international trade and requires the development of environmentally sustainable trade strategy.

In view of the above, Wei Linhai's dissertation is a relevant study that presents a new solution to an important scientific task, which is to develop the theoretical foundations of international trade and formulate the prospects for environmental sustainability in the context of developing an applied model for implementing China's sustainable trade strategy.

The dissertation is a component of scientific research of the West Ukrainian National University, in particular: fundamental state budget funding researches «National concept of eco-security of society and inclusion of the circular economy in the conditions of the pandemic» (state registration number 0121U109485); «Concept of recovery and green reconstruction of Ukraine» (state registration number 0124U000003); implementation of the international project (Erasmus+ Module Jean Monnet) «European inclusive circular economy: post-war and post-pandemic module for Ukraine (EICEPPMU)» 2022-2024, registration number 101085640); business funding research on the topic «Transformation of business in conditions of sustainable development of the global economy» (Contract No. MEV-33-2023 dated 05/10/2023); business funding research on the topic «Scientific and professional consulting of the enterprise on issues of social responsibility and organization of recycling» (Contract No. MEV-81-2021 dated 01/10/2021); business funding research on the topic «Formation of the company's ecological brand in foreign markets» (Contract No. MEV-37-2024 dated 25/04/2024).

Purpose, objectives and methods of the research. Object and subject of the research

The purpose of the dissertation is the scientific substantiation of the theoretical concepts of environmental sustainability of international trade in the context of the development of the applied model for the implementation of the environmentally sustainable trade strategy for China.

Based on the purpose of the research, the following objectives are set in the research:

- to research the genesis of international trade theories;
- to define the concept of environmental sustainability in the system of international economic relations;
- to research the decoupling and impact of natural resource utilization and consumption on international trade;
- to analyse the trends in international trade development and reshaping;
- to evaluate the status and role of natural resources in international trade;
- to analyse the environmental sustainability in international trade;
- to define the impacts of natural resource utilization and consumption on international trade;
- to propose the ways of developing the environmental sustainability of PRC international trade;
- to elaborate the model of environmentally sustainable trade strategy for China.

The object of research is a process of PRC international trade.

The subject of research is a set of theoretical and applied aspects that determine the process of environmental sustainability of PRC international trade.

Methods of research.

To achieve the defined purpose, the dissertation thesis used a set of research methods: the method of theoretical generalization (for generalizing the genesis of theoretical approaches to research international trade theories – p. 1.1) the historical method (for defining theoretical identification of the environmental sustainability of international trade – p. 1.2); the method of dialectical cognition (to research the concept of environmental sustainability in the system of international economic relations – p. 2.3); the method of analogies and comparative analysis (to analyse the trends in international trade development and reshaping – p. 2.1.); methods of induction and deduction (for formulating hypotheses, their verification, generalization of results and substantiation of conclusions – p.p. 1.1, 2.1, 3.1); methods of analysis, synthesis and data processing (to evaluate the status and role of natural resources in international trade – p. 2.2); monitoring method (to analyse the environmental sustainability in international trade – p.2.3.); method of visualization of data, main provisions and research results (to visualize the main provisions and results of the study).

Scientific provisions developed personally by the dissertator and their novelty

Scientific novelty of the research results consists in establishing the theoretical foundations of international trade and the formation of environmental sustainability prospects in the context of the development of the applied model for the implementation of environmentally sustainable trade strategy for China.

The following most important scientific results were obtained in the research:

for the first time:

— developed the model of environmentally sustainable trade strategy for China, which is based on environmental, political, social impact factors in the concept of environmental issues on trade, sustainable development and resource conservation, resource diplomacy and trade policy; opportunities and challenges for natural resources in international trade, suggestions for China's economy environmentally restructuring, ways for China's international cooperation; ways for integration of China's business operations and introducing into China upstream research and development; China's manufacturing sector's factors by vectors to promote technical innovation and policy to create and enable incentives;

improved:

— the concept of environmental sustainability in the system of international economic relations by analysis of the economic system as closed and linear system; justification the materials balance model of economic open and circular subsystem; and development the types of sustainability;

— terminology, in particular, the essential characteristics of «environmental international trade», aspects of «decoupling»; classifications of international trade theories by developing methodological approaches to environmental international trade; and adaptation the Porter's competitive advantage model to state environmental developing;

— evaluation of the status and role of natural resources in international trade by comparison of China's total primary energy production, total energy consumption total mining industry production, total agricultural output value, total resources availability in total share of import and export;

further developed:

— main properties and characteristics of decoupling and impact of natural resource utilization and consumption on international trade by classification of natural resources; ways of utilization and consumption of natural resources; contribution of international trade to reducing extreme poverty;

— analysis of trends in international trade development and reshaping; impact of fragmentation on economic convergence; correlation analysis between trade openness and conflict probability; impact of technology improvements on reducing CO₂ emissions and covered emissions;

— opportunities of the environmental sustainability of PRC international trade; which allowed to outline the ways of environmental sustainability; and find out the components of sustainable trade strategy for China.

***The validity and reliability of the scientific positions,
conclusions and recommendations to be defended***

The theoretical and methodological basis of the dissertation is the scientific articles of leading domestic and foreign economists, monographs, legislative acts of developed countries on waste management, online publications, statistics and analytical materials of the World Trade Organization (WTO), the United Nations, the Environmental Assessment Agency, the World Bank, the United Nations Conference on Trade and Development (UNCTAD), the International Monetary Fund, the National Bureau of Statistics of China, other international organisations and think tanks, national green strategies.

To achieve the defined purpose, the dissertation used a set of research methods: the method of theoretical generalization (for generalizing the genesis of theoretical approaches to research international trade theories) the historical method (for defining theoretical identification the environmental sustainability of international trade); the method of dialectical cognition (to research the concept of environmental sustainability in the system of international economic relations); the method of analogies and comparative analysis (to analyse the trends in international trade development and reshaping); methods of induction and deduction (for formulating hypotheses, their verification, generalization of results and substantiation of conclusions); methods of analysis, synthesis and data processing (to evaluate the status and role of natural resources in international trade – p. 2.2); monitoring method (to analyse the environmental sustainability in international trade – p. 2.3.); method of visualization of data, main provisions and research results (to visualize the main provisions and results of the study).

The practical value of the results

The practical significance of the results of the dissertation is that the main theoretical provisions of the research of the key areas of environmental sustainability of international trade and the ways of implementation of environmentally sustainable trade strategy for PRC can be used in the practical activities of business units and in further scientific developments.

***Completeness of the dissertation materials in publications and
personal contribution of the author to them***

The main results of the research were presented in 11 scientific publications, which include independently published works and co-authorship. Of these publications, 1 article

was published in a publication included in the international scientometric databases Scopus and Web of Science; 3 articles were published in scientific professional publications of Ukraine; 7 publications in other publications of an approbation nature based on conference materials. The total volume of published works belonging to the author is 3.6 p.p.

The main provisions and results of Wei Linhai's dissertation are reflected in the following publications:

Articles in scientific professional journals included in the international scientometric databases Scopus and WoS:

1. Zvarych, R., Linhai, W., Masna, O., & Rivilis, I. (2023). International trade of PRC and its place in environmental sustainability. *Economic Annals-XXI*, 204 (7-8), 4-14. doi: <https://doi.org/10.21003/ea.V204-01> (0,9 p.p., personally by the author – 0,3 p.p.: the author analyses China's international trade).

Articles in scientific journals included in the list of scientific professional publications of Ukraine:

2. Zvarych, R. Ye., Linhai Wei. Environmental Sustainability in the context of China's international trade Development. *Visnyk ekonomiky – Herald of Economics*, (2021). 2, 54–65. <http://dspace.wunu.edu.ua/handle/316497/42560> (0,8 p.p., personally by the author – 0,4 p.p.: the author proposes countermeasures for environmental sustainability in the context of China's international trade growth).

3. Zvarych, R., Linhai, W. China's trade relations with Ukraine. *Innovatsiina ekonomika*. 2024. 1, 5-16. <https://doi.org/10.37332/2309-1533.2024.1.1> (1,3 p.p., personally by the author – 0,7 p.p.: the author examines the level of trade relations between China and Ukraine and proposes directions of trade cooperation between the partners in various spheres and at different levels, which will contribute to economic growth and international competitiveness).

4. Zvarych, R., Linhai, W. The impact of natural resources use and consumption on international trade. *Zhurnal yevropeiskoi ekonomiky*. 2024. Vol. 23. No 1 (88). pp. 109–138. <https://jeej.wunu.edu.ua/index.php/ukjee/article/view/1733> (1,8 p.p., personally by the author – 1,0 p.p.: the author provides recommendations for countries on the formulation of sustainable development and natural resource management policies).

Articles in other publications of a testing nature:

5. Zvarych, R., Linhai, W. China's trade environmental sustainability. *Ekonomichnyi i sotsialnyi rozvytok Ukrainy v XXI stolitti: natsionalna viziia ta vyklyky hlobalizatsii: materialy XVIII Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh vchenykh*. Ternopil, 2021. pp. 45-46. (0,2 p.p., personally by the author – 0,1 p.p.: the author substantiates China's international trade).

6. Zvarych, R., Linhai, W. Environmental sustainability in the context of China's international trade development. *Innovatsiini protsesy ekonomichnoho ta sotsialno-*

kulturnoho rozvytku: vitchyzniani ta zarubizhnyi dosvid: materialy XIV Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh uchenykh i studentiv. Ternopil: ZUNU, 2021. p. 156. <http://dspace.wunu.edu.ua/handle/316497/4087> (0,2 p.p., personally by the author – 0,1 p.p.: the author substantiates the importance of environmental sustainability of international trade).

7. Linhai, W. International trade of PRC and its place in environmental sustainability. *Innovatsiini protsesy ekonomichnoho ta sotsialno-kulturnoho rozvytku: vitchyzniani ta zarubizhnyi dosvid: materialy XV Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh uchenykh i studentiv*. Ternopil: ZUNU, 2022. pp.148-149. (0,2 p.p.).

8. Linhai, W. International trade of PRC as environmental sustainability factor. *Ekonomichni i sotsialnyi rozvytok Ukrainy v XXI stolitti: natsionalna viziia ta vyklyky hlobalizatsii: materialy XIX Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh vchenykh*. Ternopil: ZUNU, 2022. pp. 30-32. (0,2 p.p.).

9. Linhai, W. Analyzing the utilization and consumption of natural resources by China's international trade and its impact on the environment. *Ekonomichni i sotsialnyi rozvytok Ukrainy v XXI stolitti: natsionalna viziia ta vyklyky hlobalizatsii: materialy XX Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh vchenykh*. Ternopil: ZUNU, 2023. p. 33-35. (0,2 p.p.).

10. Zvorych, R., Linhai, W. International trade of PRC and its place in environmental sustainability. *Innovatsiini protsesy ekonomichnoho ta sotsialno-kulturnoho rozvytku: vitchyzniani ta zarubizhnyi dosvid: materialy KhVI Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh uchenykh i studentiv*. Ternopil: ZUNU, 2023. pp. 65-68. (0,2 p.p., personally by the author – 0,1 p.p.: the author substantiates the place of international trade in environmental sustainability).

11. Linhai, W. Trade relations between China and Ukraine. *Innovatsiini protsesy ekonomichnoho ta sotsialno-kulturnoho rozvytku: vitchyzniani ta zarubizhnyi dosvid: materialy XVII Mizhnarodnoi naukovo-praktychnoi konferentsii molodykh uchenykh i studentiv*. Ternopil: ZUNU, 2024. pp. 123-126. (0,3 p.p.).

The text of the dissertation was checked for textual borrowings using the Unicheck online service. The results of the check revealed the absence of textual borrowings without proper reference to the source and established that Wei Linhai's dissertation «Environmental Sustainability of PRC International Trade» complies with the principles of academic integrity.

Approval of dissertation materials

The main provisions and conclusions of the dissertation were presented, discussed and positively evaluated at international and national conferences, in particular: XVIII International Scientific and Practical Conference of Young Scientists «Economic and

Social Development of Ukraine in the XXI Century: National Vision and Challenges of Globalisation» (Ternopil, 2021); XIV International Scientific and Practical Conference of Young Scientists and Students «Innovative Processes of Economic and Socio-Cultural Development: Domestic and Foreign Experience» (Ternopil, 2021); XV International Scientific and Practical Conference of Young Scientists and Students «Innovative Processes of Economic and Socio-Cultural Development: Domestic and Foreign Experience» (Ternopil, 2021); XIX International Scientific and Practical Conference of Young Scientists «Economic and Social Development of Ukraine in the XXI Century: National Vision and Challenges of Globalisation» (Ternopil, 2022); XX International Scientific and Practical Conference of Young Scientists «Economic and Social Development of Ukraine in the XXI Century: National Vision and Challenges of Globalisation» (Ternopil, 2023); XVI International Scientific and Practical Conference of Young Scientists and Students «Innovative Processes of Economic and Socio-Cultural Development: Domestic and Foreign Experience» (Ternopil, 2023); XVI International Scientific and Practical Conference of Young Scientists and Students «Innovative Processes of Economic and Socio-Cultural Development: National and Foreign Experience» (Ternopil, 2023); XVII International Scientific and Practical Conference of Young Scientists and Students «Innovative Processes of Economic and Socio-Cultural Development: National and Foreign Experience» (Ternopil, 2024).

Evaluation of the language and style of the dissertation

The dissertation is written in a scientific style in business English. It is characterised by its integrity, content completeness, logical consideration of issues, accuracy of special terminology, conciseness of presentation and objectivity of the research materials.

Compliance of the dissertation with the regulatory requirements and the possibility of submission for defense

By its structure and content, the dissertation of Wei Linhai on the topic «Environmental sustainability of PRC international trade» meets the requirements of the «Procedure for Awarding the Degree of Doctor of Philosophy» in the specialty 292 – «International economic relations» and is recommended for defense.

During the open voting, the participants of the professional scientific seminar voted in favour – 19, against – none, and abstained – none.

As a result of the review of Wei Linhai's dissertation and the completeness of the publication of the main results of the study

The following decisions were made:

To propose to the Academic Council of the University to approve the following composition of the One-time Specialised Academic Council:

To appoint as the Head of the One-time Specialised Academic Council: Professor of International Economic Relations Department of West Ukrainian National University, Doctor of Economic Sciences, Professor Sokhatska O. M.

Reviewers: Professor of International Economics Department, Doctor of Economic Sciences, Professor Lishchynskyy I. O.; Associate Professor of Economics and Economic Theory Department, Candidate of Economic Sciences, Associate Professor Virkovska A. A.

Opponents: Head of World Economy and International Economic Relations Department of Odesa I. I. Mechnikov National University, Doctor of Economic Sciences, Professor Yakubovskyy S. O.; Professor of International Trade and Marketing Department of Kyiv National Economic University named after Vadym Hetman, Doctor of Economic Sciences, Professor Yatsenko O. M.

To recommend to the newly established One-time Specialised Academic Council to accept the dissertation for defence.

Head of the professional seminar

Associate Professor of International
Economic Relations Department, Candidate of
Economic Sciences, Associate Professor



Oksana MYHAL