Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Верисокин Александр Евгеньевич
Должность: И.о. директора института наук о земле
Дата подписания: 20.06.2023 15:24:56
Уникальный программный ключ:
bba78f4c385ebf789cda3fef5917df7dfeb1e004

Annotation to the work program of the discipline

Name disciplines	Охрана окружающей среды в нефтегазовом деле / Environmental Protection in Oil-and-Gas Engineering
Summary	Objects and components of the environment; basic concepts and laws of ecology; environmental sustainability of the natural environment to the technogenic impact of the processes of construction and operation of wells, oil and gas transportation; legal basis for environmental protection; sources, causes and nature of subsoil pollution during drilling and operation of wells; prevention of environmental pollution during the preparation, transport and storage of oil and gas; equipment and technology for cleaning and recycling and neutralization of waste drilling fluids and cuttings; prevention of marine pollution during drilling at offshore fields; choice of environmental protection measures; fire and explosion safety in NGD.
resultsmastering the discipline (module)	owns the skills of technical control of the state and operability of technological equipment.
Labor intensity, cu	3 credits
Reporting Forms	Graded (grading)
List of main and additionalliterature necessary for mastering	
Main literature	Tetelmin V.V. Environmental protection in the oil and gas complex, Publishing House "Intellect", 2009, -351 p.
	Bulatov, A.I. Environmental protection in the oil and gas industry / A.I. Bulatov, P.P. Makarenko, V.Yu. Shemetov. - M.: Nedra, 1997. - 483 p.: ill. – Bibliography: p. 470-481. - ISBN 5-247-03694-8
Additionalliterature	Novikov, Yu.V. Ecology, environment and man: (textbook) / Yu.V.Novikov. – M.: Fair-Press, 1999.-320 p. – Bibliography: p.311-315.- ISBN 5-8183-0110-9 Lozanovskaya, I.N. Ecology and protection of the biosphere under chemical pollution: textbook for universities / I.N. Lozanovskaya, D.S. Orlov,