

**SCIENCE**  
**PROBLEMS.UZ**

ISSN 2181-1342

Actual problems of social and humanitarian sciences  
Актуальные проблемы социальных и гуманитарных наук

**Ijtimoiy-gumanitar  
fanlarning dolzarb  
muammolari**

Son 6 Jild 4

**2024**

# **SCIENCEPROBLEMS.UZ**

## **ИЖТИМОЙ-ГУМАНИТАР ФАНЛАРНИНГ ДОЛЗАРБ МУАММОЛАРИ**

*№ 6 (4) - 2024*

**АКТУАЛЬНЫЕ ПРОБЛЕМЫ СОЦИАЛЬНО-  
ГУМАНИТАРНЫХ НАУК**

**ACTUAL PROBLEMS OF HUMANITIES AND SOCIAL SCIENCES**

**ТОШКЕНТ-2024**

## **БОШ МУҲАРРИР:**

Исанова Феруза Тулқиновна

## **ТАҲРИР ҲАЙЪАТИ:**

### *07.00.00-ТАРИХ ФАНЛАРИ:*

Юлдашев Анвар Эргашевич – тарих фанлари доктори, сиёсий фанлар номзоди, профессор, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Мавланов Уктам Махмасабирович – тарих фанлари доктори, профессор, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Хазраткулов Абдор – тарих фанлари доктори, доцент, Ўзбекистон давлат жаҳон тиллари университети.

Турсунов Равшан Нормуратович – тарих фанлари доктори, Ўзбекистон Миллий Университети;

Холикулов Ахмаджон Боймаҳамматович – тарих фанлари доктори, Ўзбекистон Миллий Университети;

Габриэльян Софья Ивановна – тарих фанлари доктори, доцент, Ўзбекистон Миллий Университети.

### *08.00.00-ИҚТИСОДИЁТ ФАНЛАРИ:*

Карлибаева Рая Хожабаевна – иқтисодиёт фанлари доктори, профессор, Тошкент давлат иқтисодиёт университети;

Насирходжаева Дилафруз Сабитхановна – иқтисодиёт фанлари доктори, профессор, Тошкент давлат иқтисодиёт университети;

Остонокулов Азамат Абдукаримович – иқтисодиёт фанлари доктори, профессор, Тошкент молия институти;

Арабов Нурали Уралович – иқтисодиёт фанлари доктори, профессор, Самарқанд давлат университети;

Худойқулов Садирдин Каримович – иқтисодиёт фанлари доктори, доцент, Тошкент давлат иқтисодиёт университети;

Азизов Шерзод Ўктамович – иқтисодиёт фанлари доктори, доцент, Ўзбекистон Республикаси Божхона институти;

Ҳожаев Азизхон Саидалоҳонович – иқтисодиёт фанлари доктори, доцент, Фарғона политехника институти

Холов Актам Хатамович – иқтисодиёт фанлари бўйича фалсафа доктори (PhD), доцент, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Шадиева Дилдора Хамидовна – иқтисодиёт фанлари бўйича фалсафа доктори (PhD), доцент в.б, Тошкент молия институти;

Шакарров Қулмат Аширович – иқтисодиёт фанлари номзоди, доцент, Тошкент ахборот технологиялари университети

### *09.00.00-ФАЛСАФА ФАНЛАРИ:*

Ҳакимов Назар Ҳакимович – фалсафа фанлари доктори, профессор, Тошкент давлат иқтисодиёт университети;

Яхшиликов Жўрабой – фалсафа фанлари доктори, профессор, Самарқанд давлат университети;

Ғайбуллаев Отабек Мухаммадиевич – фалсафа фанлари доктори, профессор, Самарқанд давлат чет тиллар институти;

Саидова Камола Усканбаевна – фалсафа фанлари доктори, “Tashkent International University of Education” халқаро университети;

Ҳошимхонов Мўмин – фалсафа фанлари доктори, доцент, Жиззах педагогика институти;

Ўроқова Ойсулув Жамолiddиновна – фалсафа фанлари доктори, доцент, Андижон давлат тиббиёт институти, Ижтимоий-гуманитар фанлар кафедраси мудир;

Носирходжаева Гулнора Абдукаҳхаровна – фалсафа фанлари номзоди, доцент, Тошкент давлат юридик университети;

Турдиев Бехруз Собирович – фалсафа фанлари бўйича фалсафа доктори (PhD), доцент, Бухоро давлат университети.

### *10.00.00-ФИЛОЛОГИЯ ФАНЛАРИ:*

Ахмедов Ойбек Сапорбаевич – филология фанлари доктори, профессор, Ўзбекистон давлат жаҳон тиллари университети;

Кўчимов Шухрат Норқизилович – филология фанлари доктори, доцент, Тошкент давлат юридик университети;

Ҳасанов Шавкат Аҳадович – филология фанлари доктори, профессор, Самарқанд давлат университети;

Бахронова Дилрабо Келдиёровна – филология фанлари доктори, профессор, Ўзбекистон давлат жаҳон тиллари университети;

Мирсанов Ғайбулло Қулмуродович – филология фанлари доктори, профессор, Самарқанд давлат чет тиллар институти;

Салахутдинова Мушарраф Исамутдиновна – филология фанлари номзоди, доцент, Самарқанд давлат университети;

Кучкаров Раҳман Урманович – филология фанлари номзоди, доцент в/б, Тошкент давлат юридик университети;

Юнусов Мансур Абдуллаевич – филология фанлари номзоди, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Саидов Улугбек Арипович – филология фанлари номзоди, доцент, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси.

#### **12.00.00-ЮРИДИК ФАНЛАР:**

Ахмедшаева Мавлюда Ахатовна – юридик фанлар доктори, профессор, Тошкент давлат юридик университети;

Мухитдинова Фирюза Абдурашидовна – юридик фанлар доктори, профессор, Тошкент давлат юридик университети;

Эсанова Замира Нормуратовна – юридик фанлар доктори, профессор, Ўзбекистон Республикасида хизмат кўрсатган юрист, Тошкент давлат юридик университети;

Ҳамроқулов Баҳодир Мамашарифович – юридик фанлар доктори, профессор в.б., Жаҳон иқтисодиёти ва дипломатия университети;

Зулфиқоров Шерзод Хуррамович – юридик фанлар доктори, профессор, Ўзбекистон Республикаси Жамоат хавфсизлиги университети;

Хайитов Хушвақт Сапарбаевич – юридик фанлар доктори, профессор, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Асадов Шавкат Ғайбуллаевич – юридик фанлар доктори, доцент, Ўзбекистон Республикаси Президенти ҳузуридаги Давлат бошқаруви академияси;

Утемуратов Махмут Ажимуратович – юридик фанлар номзоди, профессор, Тошкент давлат юридик университети;

Сайдуллаев Шахзод Алиханович – юридик фанлар номзоди, профессор, Тошкент давлат юридик университети;

Ҳакимов Комил Бахтиярович – юридик фанлар доктори, доцент, Тошкент давлат юридик университети;

Юсупов Сардорбек Баходирович – юридик фанлар доктори, доцент, Тошкент давлат юридик университети;

Амиров Зафар Актамович – юридик фанлар бўйича фалсафа доктори (PhD), Ўзбекистон Республикаси Судьялар олий кенгаши ҳузуридаги Судьялар олий мактаби;

Жўраев Шерзод Юлдашевич – юридик фанлар номзоди, доцент, Тошкент давлат юридик университети;

Бабаджанов Атабек Давронбекович – юридик фанлар номзоди, доцент, Тошкент давлат юридик университети;

Раҳматов Элёр Жумабоевич – юридик фанлар номзоди, Тошкент давлат юридик университети;

#### **13.00.00-ПЕДАГОГИКА ФАНЛАРИ:**

Хашимова Дильдархон Уринбоевна – педагогика фанлари доктори, профессор, Тошкент давлат юридик университети;

Ибрагимова Гулнора Хавазматовна – педагогика фанлари доктори, профессор, Тошкент давлат иқтисодиёт университети;

Закирова Феруза Махмудовна – педагогика фанлари доктори, Тошкент ахборот технологиялари университети ҳузуридаги педагогик кадрларни қайта тайёрлаш ва уларнинг малакасини ошириш тармоқ маркази;

Қаюмова Насиба Ашуровна – педагогика фанлари доктори, профессор, Қарши давлат университети;

Тайланова Шохидат Зайниевна – педагогика фанлари доктори, доцент;

Жуманиёзова Муҳайё Тожиевна – педагогика фанлари доктори, доцент, Ўзбекистон давлат жаҳон тиллари университети;

Ибрахимов Санжар Урунбаевич – педагогика фанлари доктори, Иқтисодиёт ва педагогика университети;

Жавлиева Шахноза Баходировна – педагогика фанлари бўйича фалсафа доктори (PhD), Самарқанд давлат университети;

Бобомуротова Латофат Элмуродовна – педагогика фанлари бўйича фалсафа доктори (PhD), Самарқанд давлат университети.

#### **19.00.00-ПСИХОЛОГИЯ ФАНЛАРИ:**

Каримова Василя Маманосировна – психология фанлари доктори, профессор, Низомий номидаги Тошкент давлат педагогика университети;

Ҳайитов Ойбек Эшбоевич – Жисмоний тарбия ва спорт бўйича мутахассисларни қайта тайёрлаш ва малакасини ошириш институти, психология фанлари доктори, профессор

Умарова Навбахор Шокировна – психология фанлари доктори, доцент, Низомий номидаги Тошкент давлат педагогика университети, Амалий психология кафедраси мудири;

Атабаева Наргис Батировна – психология фанлари доктори, доцент, Низомий номидаги Тошкент давлат педагогика университети;

Шамшетова Анжим Караматдиновна – психология фанлари доктори, доцент, Ўзбекистон давлат жаҳон тиллари университети;

Қодиров Обид Сафарович – психология фанлари доктори (PhD), Самарканд вилоят ИИБ Тиббиёт бўлими психологик хизмат бошлиғи.

Содиқова Шоҳида Мархабоевна – социология фанлари доктори, профессор, Ўзбекистон халқаро ислом академияси.

#### 22.00.00-СОЦИОЛОГИЯ ФАНЛАРИ:

Латипова Нодира Мухтаржановна – социология фанлари доктори, профессор, Ўзбекистон миллий университети кафедра мудири;

Сеитов Азамат Пўлатович – социология фанлари доктори, профессор, Ўзбекистон миллий университети;

#### 23.00.00-СИЁСИЙ ФАНЛАР

Назаров Насриддин Атақулович – сиёсий фанлар доктори, фалсафа фанлари доктори, профессор, Тошкент архитектура қурилиш институти;

Бўтаев Усмонжон Хайруллаевич – сиёсий фанлар доктори, доцент, Ўзбекистон миллий университети кафедра мудири.

### ОАК Рўйхати

Мазкур журнал Вазирлар Маҳкамаси ҳузуридаги Олий аттестация комиссияси Раёсатининг 2022 йил 30 ноябрдаги 327/5-сон қарори билан тарих, иқтисодиёт, фалсафа, филология, юридик ва педагогика фанлари бўйича илмий даражалар бўйича диссертациялар асосий натижаларини чоп этиш тавсия этилган илмий нашрлар рўйхатига киритилган.

**Ижтимоий-гуманитар фанларнинг долзарб муаммолари**” электрон журнали 2020 йил 6 август куни 1368-сонли гувоҳнома билан давлат рўйхатига олинган.

**Муассис:** “SCIENCEPROBLEMS TEAM” масъулияти чекланган жамияти

#### Таҳририят манзили:

100070. Тошкент шаҳри, Яккасарой тумани, Кичик Бешёғоч кўчаси, 70/10-уй. Электрон манзил: [scienceproblems.uz@gmail.com](mailto:scienceproblems.uz@gmail.com)

#### Боғланиш учун телефонлар:

(99) 602-09-84 (telegram).

**MUNDARIJA**

**07.00.00 – TARIX FANLARI**

*Науризбаева Нуржамал Қудайбергенова*

TURKISTONDA OILA VA NIKOH MUNOSABATLARINING O'ZIGA XOS JIHATLARI VA ROSSIYA IMPERIYASI BOSQINIDAN KEYIN MINTAQADA YUZ BERGAN DEMOGRAFIK JARAYONLAR ..... 14-22

*Ortiqov Yosin Abdulboqiyevich*

DUNGANSHUNOSLIK TADQIQOTLARI TARIXSHUNOSLIGI (1990-2023) ..... 23-34

*Бобожонова Феруза Хаятовна*

СОВЕТ ҲОКИМИЯТИ ДАВРИДА ҚЎЙИ ВА ЎРТА ЗАРАФШОН ВОҲАСИДА ТАЪЛИМ ТИЗИМИ ..... 35-40

*Halimov Tal'at*

XX ASRNING 20-30 YILLARIDAGI QULOQLASHTIRISH SIYOSATI VA UNING SALBIY OQIBATLARI (BUXORO VILOYATI MISOLIDA) ..... 41-45

*Ilhomov Ziyovutdin Adxamovich, Shukurov Rustam Jo'raqulovich*

ALEKSANDR BEKOVICH-CHERKASSKIY EKSPEDITSIYASINING BA'ZI TAFSILOTLARI: EKSPEDITSIYANING BOSHLANISHI ..... 46-54

*Tilavova Shahnoza Salohitdinovna*

MA'RIFATPARVARLARNING MATONATLI AYOLI XAYRINISO MAJIDXONOVA (1905-1937) HAYOTI VA FAOLIYATIGA CHIZGILAR ..... 55-59

*Жайнаров Обиджон Ҳамид ўғли*

XX АСР 20-ЙИЛЛАРИДА ЎЗБЕКИСТОНДА АДВОКАТУРА ТИЗИМИДАГИ ЎЗГАРИШЛАР (ФАРҒОНА ВИЛОЯТИ МИСОЛИДА) ..... 60-64

*Toshpo'latov Mamadali Zaynidin o'g'li*

NUROTA TUMANI YOSHLARINI QO'LLAB-QUVVATLASH YUZASIDAN AMALGA OSHIRILGAN CHORA-TADBIRLARNING TARIXIY TAHLILI (2017-2024) ..... 65-73

*Umarov Baxtishod*

SOMONIYLAR DAVRIDA BUXORODA ILM-FAN RIVOJI (TARIX VA TIBBIYOT MISOLIDA).. 74-79

*Ўўлдошев Салимжон Валиевич*

ИНТЕГРАЦИЯЛАШУВ ЖАРАЁНЛАРИ ВА ХАЛҚ ЎЙИНЛАРИ ..... 80-85

*Askarov Azimjon Odiljon o'g'li*

O'RTA OSIYODAGI ANGLIYA-ROSSIYA RAQOBATINING TARIXIY KONTEKSTI VA KATTA O'YIN SIYOSATINING VUJUDGA KELISHI ..... 86-91

*Eshchanov Hurmat Matnazarovich*

O'ZBEKISTON HUDUDI BRONZA DAVRIDA TOPOGRAFIK XUSUSIYATLARNI ETNIK JARAYONLARI KARTOGRAFIYASI..... 92-95

*Azamatova Gulmira Bayirbekovna*

O'ZBEKISTONDA AHOLI MIGRATSIYASI VA UNGA TA'SIR ETGAN IJTIMOIIYIQTISODIY

OMILLAR .....	96-100
<i>Raimov Mamasoat Safar o'g'li</i> ESKI TERMIZ HAQIDA TARIXIY MA'LUMOTLAR .....	101-105
<i>Usmanov Jahongir Xo'jaqulovich</i> MARKAZIY OSIYO TARIXSHUNOSLIGIDA ILK ILMIY QARASHLARNING SHAKLLANISHI .....	106-109
<i>Usmanova Inobat Ibragimovna</i> PROCESSES OF GEOGRAPHICAL LOCATION OF THE IRON AGE POPULATION OF UZBEKISTAN .....	110-115
<i>Bekmirzayev Islomjon Ibrohim o'g'li</i> O'RTA G'OVASOY HUDUDI QADIMGI DAVR AHOLI TURAR-JOYLARI XUSUSIDA AYRIM MULOHAZALAR .....	116-120
<i>Gadoyev Dadaxon Xayrulloevich</i> BUXORDAGI "MASJIDI BALAND" MASJIDI QURILISHI VA TARIXI .....	121-125
<i>Rajabova Sabohat Bobirovna</i> IQTISODIY HAYOTDA TADBIRKOR AYOLLARNING TUTGAN O'RNI (SURXONDARYO VILOYATI MISOLIDA) .....	126-132
<i>Aloxunov Alisher Ahmadjonovich</i> ARXELOGIYADA GEOGRAFIK AXBOROT TIZIMLARIDAN FOYDALANISHNING ASOSIY IMKONIYATLARI XUSUSIDA .....	133-138
<i>Sharopov Saidusmon Saidaxmadovich</i> XIX ASR OXIRI VA XX ASR BOSHLARIDA BUXORO AMIRLIGINING JANUBISHARQIY HUDUDI SHAHARLARI, XUSUSAN QARSHI, SHAHRISABZ VA KITOB SHAHARLARINI RUS TARIXCHILARI ASARLARIDA YORITILISHI .....	139-144
<i>Axmedova Gulchehra O'skinovna</i> SHEROBOD VOHASI NOMODDIY MADANIYATI DURDONALARI .....	145-149
<i>Abduraximov Husniddin</i> O'ZBEKISTON VA AVSTRIYA RESPUBLIKASI O'RTASIDA INVESTITSIYAVIY, HUQUQIY HAMDA ILM-FAN SOHASIDA HAMKORLIKNING MUSTAHKAMLANISHI .....	150-158
<i>Turopova Mohidil Turdiyevna</i> O'ZBEKISTON JUNUBIY HUDUDLARI TOPONIMIKASINING TABIAT BILAN BOG'LIQLIGI VA URF-ODATLARINING O'ZIGA XOS XUSUSIYATLARI .....	159-163
<i>Annayeva Zarifa Musurmonqulovna</i> EKOLOGIK HOLATNI BARQARORLASHTIRISHNING ASOSIY YO'NALISHLARI .....	164-168
<i>Ahmadov Xurshid San'atovich</i> "CHIG'ATOY IMLOSI" VA MILLIY ZIYOLILAR .....	169-175
<i>Axmadova Nafisa Axmad qizi</i> O'ZBEKISTON VA GERMANIYA MADANIY ALOQALARINING RIVOJLANISHI .....	176-179

<i>Жумаева Шоҳида Чориевна</i> МУСТАҚИЛЛИК ДАВРИДА ҚИШЛОҚ ХЎЖАЛИГИНИНГ РИВОЖЛАНИШИ .....	180-186
<i>Elmuratova Umida Farxadovna</i> TA'LIM IMKONIYATLARINI KENGAYTIRISHNING GENDER TENGLIGINI TA'MINLASHGA TA'SIRI .....	187-191
<i>Nazarov Otabek Muzrobovich</i> XX ASRNING 80-YILLARI QATAG'ONLIK SIYOSATINING SURXONDARYODAGI IJTIMOYIY- IQTISODIY JARAYONLARGA TA'SIRI .....	192-197
<i>Kupaysinov Ismoyiljon Ahmadjanovich</i> 1950-1990 YILLARDA ANDIJON OBLASTI JAMOAT TRANSPORTI FAOLIYATI VA UNDAGI AYRIM MUAOMMOLARNI MATBUOTDA YORITISHI ("KOMMUNIST" GAZETASI MATERIALLARI MISOLIDA) .....	198-202
<i>Oripova Laylo Zafarovna</i> O'ZBEKISTON YOZUVCHILAR UYUSHMASI FAOLIYATI TARIXIGA NAZAR .....	203-207
<b>08.00.00 – IQTISODIYOT FANLARI</b>	
<i>Magsud Azad Guliyev</i> OZARBAYJONDA YASHIL ENERGIYAGA O'TISH: SO'ROQ NATIJALARINI TAHLIL QILISH .....	208-214
<i>Глазова Марина Викторовна</i> ВКЛАД «ЗЕЛЕНОВОГО» УЧЁТА В ФИНАНСОВОМ МЕНЕДЖМЕНТЕ В УСТОЙЧИВОЕ РАЗВИТИЕ КОМПАНИЙ ЭНЕРГЕТИЧЕСКОЙ ОТРАСЛИ В УЗБЕКИСТАНЕ: МЕТОДОЛОГИЧЕСКИЙ АСПЕКТ .....	215-231
<i>Oratov Jaxongir Jurayevich</i> RAQAMLI INNOVATSIYALAR DAVRIDA MOLIYAVIY BARQARORLIKNI VAHOLASHDA EKONOMETRIK MODELLAR .....	232-238
<i>Шадиева Дилдора Хамидовна</i> БАНК СОҲАСИГА РАҚАМЛАШТИРИШ ЖАРАЁНЛАРИНИНГ ТАЪСИР .....	239-243
<i>Umronov Eldorbek Sodirovich</i> TURISTIK KORXONALARDA TADBIRKORLIK FAOLIYATI RAQOBATBARDOSHLIGINI VAHOLASH .....	244-255
<i>Sattarov Umirzoq Normengovich</i> MINTAQANI BARQAROR RIVOJLANTIRISHDA TRANSFORMATSIYALASH JARAYONI... ..	256-262
<i>Хамдамов Шавкат Комилович</i> СОЦИАЛЬНАЯ ЗАЩИТА И БОРЬБА С БЕДНОСТЬЮ: СТРАТЕГИИ ФИНАНСИРОВАНИЯ В УЗБЕКИСТАНЕ .....	263-267
<i>Хайитов Жамшид Холвоевич</i> ИҚТИСОДИЁТДА ОБОДОНЛАШТИРИШ ХИЗМАТЛАРИНИ РИВОЖЛАНТИРИШ – ДАВР ТАЛАБИ .....	268-272
<i>Xurramov Azamat Fayzullayevich</i> BOZOR IQTISODIYOTI SHAROITIDA UY XO'JALIGI SEKTORINING O'RNI VA AHAMIYATI .....	273-278



*Алимханова Нигора Алимхановна*  
 ТОВАР-МОДДИЙ ЗАХИРАЛАР АУДИТИДА ТАҲЛИЛИЙ АМАЛЛАРНИ ҚЎЛАШ ..... 279-287

### **09.00.00 – FALSAFA FANLARI**

*Жумаев Ойбек Маратович*  
 О‘ЗБЕКИСТОНДА КАМБАГ‘АЛЛИКНИ ҚИСҚАРТИРИШ ДИНАМИКАСИНИНГ ИЖТИМОИЙ-СИЙОСИЙ  
 ҲАҲАТЛАРИ ..... 288-296

*Наврўзова Гулчеҳра Нигматовна*  
 ХОЖА АҲРОР ТАЪЛИМОТИДА ИНСОНИЙ ҲАҚИҚАТ МАСАЛАСИ ..... 297-302

*Хайридинов Аббосхон Анварович*  
 ҒАРБ МАДАНИЯТИНИ ОММАЛАШИШИГА ИЧКИ ОМИЛЛАР ТАЪСИРИ ..... 303-311

*Мухамеджанова Лалихон*  
 АҲЛОҚНИНГ ЖАМИЯТДАГИ ТРАНСФОРМАЦИОН ВА БАРҚАРОРЛАШТИРУВЧИ  
 ФУНКЦИЯЛАРИ ..... 312-317

*То‘ева Муҳайро Шuhrat qizi*  
 О‘ЗБЕКИСТОН RESPUBLIKASINING YANGILANISH JARAYONIDA XOTINQIZLAR INNOVATSION  
 ТАФАККУРИНИ ОШИРИШ ВА FAOLLASHUVI BORASIDAGI SIYOSATI:UMUMNAZARIY  
 ТАҲЛИЛЛАР..... 318-322

*Ro‘zimurodov Siroj Madatovich*  
 OILANING IJTIMOIIY-IQTISODIY MUNOSABATLARNI SHAKLLANTIRISHDA MA’NAVIY-  
 AXLOQIY TARBIYANING TA’SIRI ..... 323-326

*Ravshanov Ulug'bek Rahbarovich*  
 AXBOROT GLOBALLASHUVI SHAROITIDA YOSHLARDA MILLIY O‘ZLIKNI TARBIYALASH  
 MASALALARI ..... 327-332

*Allayarova Marxabo Mavlanovna*  
 SHAXS BADIY IJODINI SHAKLLANTIRISHNING ESTETIK MUAMMOLARI VA  
 MA’NAVIYAT ..... 333-337

*Хашимов Шерахон Жўрахонович*  
 ЎЗБЕКИСТОН ХАЛҚАРО ИМИДЖИНИНГ ЮКСАЛИШИДА ТИББИЁТ ТУРИЗМИНИНГ  
 ТУТГАН ЎРНИ..... 338-342

*Soatov Rasul Muxitdinovich*  
 BOBORANIM MASHRAV HAYOTI VA IJODIDA TASAVVUFGA DOIR QARASHLAR  
 TAHLILI ..... 343-348

*Ashurov Navfal Burxonjon o‘g‘li*  
 MOVAROUNNAHR MIQYOSIDA NASAF SHAHRINING ILMIIY-MADANIY ASOSLARI ..... 349-352

*Ўразалиева Гулшада Бекнўлатовна*  
 ГЕНДЕР ТЕНГЛИКНИ ТАЪМИНЛАШ - ЯНГИ ЎЗБЕКИСТОН СТРАТЕГИЯСИНИНГ УСТУВОР  
 ЙЎНАЛИШИ ..... 353-358

*Xudaynazarov Samad Xudayberdiyevich, Turgunov Azim Turgunovich*  
 JAMIYATNING MA’NAVIY - IJTIMOIIY RIVOJLANISHIDA O‘ZBEK XALQI MILLIY  
 QADRIYATLARINING O‘RNI ..... 359-364

<i>Suvanov Ilhom Abdixalilovich</i> AXBOROT-MAFKURAVIY TAHDIDLARGA QARSHI KURASHDA MILLATLARARO TOTUVLIK VA DINIY BAG'RIKENGLIKNI TA'MINLASHNING AHAMIYATI .....	365-371
<i>Axmedova Dilrabo Sa'dullayevna</i> SHARQ ALLOMALARI ASARLARIDA OILA VA TARBIYA MASALALARI .....	372-376
<i>Kayumova Aziza Toshmuradovna</i> IBN XALDUNNING JAMIYAT VA IJTIMOYIY TARAQQIYOT TO'G'RISIDAGI QARASHLARI .....	377-381
<i>G'ulomov Obid G'ayratovich</i> YOSHLAR MA'NAVIY KAMOLOTIGA TA'SIR ETUVCHI IJTIMOYIY-MADANIY OMILLARNING O'ZIGA XOS XUSUSIYATLARI .....	382-385
<i>Панжиев Сухроб</i> ГЛОБАЛЛАШУВ ВА ҒОЯВИЙ ТАҲДИДЛАР ДАВРИДА ҲАҚИҚАТ ТУШУНЧАСИНИНГ АҲАМИЯТИ .....	386-391
<i>Matnazarova Muhayyo Axmetjanovna, Azimova Charos Azamatovna</i> “ETNOS”, “MILLAT” TUSHUNCHALARINING MAZMUN-MOHİYATI VA ULARNING ILMIY- NAZARIY TAHLILI .....	392-398
<i>Amanov Alisher Kaxramonovich</i> VAQTNI ILMIY JIHATDAN TAHLIL QILISH HAMDA UNI FALSAFIY VA MADANIY NUQTAI NAZARDAN O'RGANISH .....	399-404
<b>10.00.00 – FILOLOGIYA FANLARI</b>	
<i>Пайзибаева Мадинахон Собиржон қизи</i> БРИТАНИЯ ХАЛҚ ЭРТАКЛАРИНИНГ ШАКЛЛАНИШИДА КЕЛЬТ МИФОЛОГИЯСИНИНГ ТАЪСИРИ ВА ЎРНИ .....	405-409
<i>Tevosyan Gayane Arturovna</i> O'ZBEK VA RUS TILI GRAMMATIKASINING QIYOSIY TIPOLOGIYASI .....	410-417
<i>Boynazarov Islom Abduxalimovich</i> INGLIZ TILIDAGI FALSAFIY TERMINLARDA SINONIMIYA HODISASI .....	418-421
<i>Bahriddinova Yulduzxon Bahriddin qizi</i> INGLIZ VA O'ZBEK TILLARIDAGI BOTANIK TERMINLARNING NOMINATIV TAHLILI VA BINAR NOMLANISHI .....	422-426
<i>Javliyev Mansurbek Odil o'g'li</i> KONSEPT TUSHUNCHASINING HOZIRGI ZAMON LINGVISTIKASIDA TUTGAN O'RNI VA AHAMIYATI .....	427-431
<i>Ruziyev Xusniddin Baxritdinovich</i> PARALLEL KORPUSLARDAN FOYDALANISH IMKONIYATLARI .....	432-436
<i>Rahimova Shahnoza Palvannozirovna</i> INGLIZ TILIDAGI IBORALARNI O'RGANISHDA TARJIMA MUAMMOLARI .....	437-442
<i>Muhamadiyev Timur Urazovich</i> INGLIZ TILIDAGI OAVDA OMMAVIYLASHMAGAN IBORALARDAN FOYDALANISH .....	443-446

<i>Панжиева Насиба Нармахматовна</i> ТЕОРЕТИЧЕСКИЕ ОСНОВЫ СЕМАНТИЧЕСКОГО ПОЛЯ .....	447-451
<i>Умирова Дилфуза Суюновна, Асадов Шухрат</i> ОБРАЗОВАНИЕ ЯВЛЯЕТСЯ НЕОТЪЕМЛЕМОЙ И НЕПРЕРЫВНОЙ ЧАСТЬЮ ПРАВ И ИНТЕРЕСОВ ЧЕЛОВЕКА .....	452-456
<i>Ибрагимова Мохира Муратовна</i> ХУДОЖЕСТВЕННЫЙ ПСИХОЛОГИЗМ И ЕГО ФУНКЦИИ В ТВОРЧЕСТВЕ ВИРДЖИНИИ ВУЛЬФ .....	457-464
<i>Тойчиева Насибахон Суранбаевна, Ткебучава Ирина Георгиевна, Темирова Шоира Гайбуллаевна</i> АКТУАЛЬНЫЕ ТЕНДЕНЦИИ В ИЗУЧЕНИИ ИСТОРИИ ЛИНГВИСТИКИ .....	465-477
<i>Nurimova Diyora</i> LIRIK DISKURS VA UNING MOHIYATI .....	478-482
<i>Axmadjonova Mohinur Iqboljon qizi</i> INGLIZ VA O'ZBEK TILIDA NUTQ AKTLARINING SEMANTIK TUZILISH TAHLILI .....	483-491
<i>Jumanazarov Shukurali Tashmamatovich</i> KORPUS TUZISH TEXNOLOGIYASI.....	492-495
<i>Samadova Oydin Ilxomjon qizi</i> FRAZEOLOGIK BIRLIK TUSHUNCHASI HAMDA UNING QO'LLANILISHI .....	496-500
<i>Xatrayeva Rano Rajabovna</i> XX ASR INGLIZ ILMIY FANTASTIKASINI TARJIMA QILISH XUSUSIYATLARI .....	501-505
<i>Ermatov Ixtiyor, Mamatqulov Azizbek</i> A.HOJIYEVNING TERMINOLOGIK LUG'ATLARI XUSUSIDA .....	506-510
<i>Muxtorova Moxlaroyim</i> INGLIZ VA O'ZBEK TILLARIDA TANBEH BERISHNI BILDIRUVCHI BIRLIKLARNING O'ZIGA XOS XUSUSIYATLARI .....	511-517
<i>Abdullayeva Nilufar Ramazonovna, Aliqulova Rohila</i> O'SIMLIK NOMLARI BILAN BOG'LIQ TARBIYAGA OID MAQOL VA MATALLARNING CHOG'ISHTIRMA TAHLILI .....	518-521
<i>Носирова Мубина Олимовна</i> СПЕЦИФИКА ОТРАЖЕНИЯ АНТРОПОЦЕНТРИЧЕСКИХ ПОСЛОВИЦ В СЛОВАРЯХ РАЗНОСИСТЕМНЫХ ЯЗЫКОВ .....	522-528
<i>Хасанов Зафар Бахтиyorovich</i> ZAMONAVIY TILSHUNOSLIKDA SPORT ATAMALARINI O'RGANISHNING NAZARIY ASOSLARI .....	529-534
<i>Рахматов Бекзод Уктам угли</i> СОЦИАЛЬНО-ЛИНГВИСТИЧЕСКАЯ РЕПРЕЗЕНТАЦИЯ ПОНЯТИЯ «УЧИТЕЛЬ» .....	535-539

*Yaxyoyev Fayzullo muhammadsoli o'g'li*  
XX ASRNING IKKINCHI YARMIDA ALISHER NAVOIY LIRIKASIGA DOIR MATNSHUNOSLIK  
BILAN BOG'LIQ TALQINLAR..... 540-546

*Otajonova Dildor Baxtiyarovna*  
KORPUS TURLARINING LINGVISTIKA SOHASINI TARAQQIY ETTIRISHDAGI  
AHAMIYATI ..... 547-551

### 12.00.00 – YURIDIK FANLAR

*Ҳамроқулов Баҳодир Мамашарифович*  
МАЪНАВИЙ ЗИЁН КОМПЕНСАЦИЯСИ МИҚДОРНИ АНИҚЛАШНИНГ НАЗАРИЙ ВА  
АМАЛИЙ MASALALARI ..... 552-559

*Fayzullayev Aslbek Ulug'bek o'g'li*  
MULKNI QASDDAN NOBUD QILISH YOKI UNGA ZARAR YETKAZISH UCHUN JINOIY  
JAVOBGARLIKNI TAKOMILLASHTIRISHNING AYRIM MASALALARI ..... 560-564

*Элмуродов Ҳусан Элмуродович*  
МЕҲНАТНИ МУҲОФАЗА ҚИЛИШ СОҲАСИДА ЎҚУВДАН ҲАМДА БИЛИМ ВА  
КЎНИКМАЛАРИ ТЕКШИРУВДАН ЎТМАГАНДА ИШДАН ЧЕТЛАШТИРИШ..... 565-572

*Аслонова Лайло Олимовна*  
ИЛМИЙ ХОДИМЛАР ҲУҚУҚИЙ МАҚОМИНИ БЕЛГИЛАШНИНГ АЙРИМ  
MASALALARI ..... 573-583

*Файзиева Гулрух Мухаммади кизи*  
НЕКОТОРЫЕ ПОНЯТИЯ В СФЕРЕ ГАРАНТИИ ПРАВО НЕПРИКОСНОВЕННОСТИ  
ЖИЛИЩА ..... 584-588

*Ибрагимова Сабина Эркиновна*  
К ВОПРОСУ О СОВЕРШЕНСТВОВАНИИ НАЦИОНАЛЬНЫХ МЕХАНИЗМОВ В СФЕРЕ  
ДОСУДЕБНОГО УГОЛОВНОГО ПРОИЗВОДСТВА В РЕСПУБЛИКЕ УЗБЕКИСТАН..... 589-593

*Tosheva Maftuna Anvar qizi*  
AXLOQQA QARSHI JINOYATLARNING JINOYAT-HUQUQIY JIHATLARI ..... 594-600

*Халилов Дониёр Нортажиевич*  
КОНСТИТУЦИОННОЕ РЕГУЛИРОВАНИЕ СОЦИАЛЬНО-ЭКОНОМИЧЕСКИХ ПРАВ И  
СВОБОД В СОЦИАЛЬНОМ ГОСУДАРСТВЕ ..... 601-607

*Файзуллаева Нигорахон Равшановна*  
МЕЖДУНАРОДНЫЕ ДОГОВОРА В СИСТЕМЕ МЕЖДУНАРОДНОГО  
КУЛЬТУРНОГО ПРАВА ..... 608-618

### 13.00.00 – PEDAGOGIKA FANLARI

*Saydillayeva Mehrinaz Bahodir qizi*  
OLIY TA'LIM TIZIMIDA TA'LIM DASTURLARINI LOYIHALASHTIRISH ASOSIDA PEDAGOGIK  
TA'LIM METODIKASINI TAKOMILLASHTIRISH ASOSLARI ..... 619-626

*Ubaydullaeva Jamila Hurramovna*  
DARS TURLARI VA DARSNI REJALASHTIRISHGA NISBATAN YONDOSHUVLAR ..... 627-631

- Ro'ziyeva Nazira Yodgorovna, Panjjeva O'g'ilshod Baxodir qizi, Jo'raev Baxodir Norbo'tayevich*  
O'QUVCHILARGA TABIATNI ASRASH VA EZOZLASHNI "YASHIL MAKON" MILLIY  
TEKNOLOGIYA LOYIHASI ASOSIDA AMALIY ANJUMANLAR ORQALI OLIB BORISH ..... 632-640
- Юлдошев Рустам Дилшод угли*  
РОЛЬ ПРАГМАТИЧЕСКИХ КОМПЕТЕНЦИЙ В ИЗУЧЕНИИ ЯЗЫКА И КОММУНИКАТИВНОМ  
ПРОЦЕССЕ ..... 641-645
- Razzakov Baxrom Abdug'afurovich*  
BO'LAJAK MUHANDISLAR UCHUN OG'ZAKI MULOQOT KO'NIKMALARINI SHAKLLANTIRISH:  
INGLIZ TILI DARSLARIDA TRANSPORT TERMINOLOGIYASINI  
O'RGANISHGA MISOLIDA..... 646-650
- Salimova Shahlo Sayfulloyevna*  
TA'LIM TIZIMIDA XAVFSIZ MUHITNI YARATISH MUAMMO VA ISTIQBOLLARI ..... 651-656
- Kuchkarova Arofathon*  
MATEMATIKA DARSLARIDA INNOVATSION TEKNOLOGIYALARDAN FOYDALANISH  
(GEOGEBRA DASTURI MISOLIDA) ..... 657-661
- Radjabova Gulnoza Giyosiddinovna*  
YOZISH BO'YICHA KO'RSATMALARINI TAKOMILLASHTIRISHDA ZAMONAVIY AMERIKA  
INGLIZ TILI KORPUSINING (COCA) ROLI ..... 662-669
- Sharifov Muxriddin Kamoladdin o'g'li*  
PROFESSIONAL TA'LIM MUASSASALARIDA MAXSUS FANLARNI O'QITISH  
ISTIQBOLLARI ..... 670-675
- Saidova Surayyo Yarqulovna*  
NOFILOGIK TA'LIM YO'NALISHI TALABALARI O'QISH KOMPETENSIYASINI  
RIVOJLANTIRISHDA SOHAVIY MATNLAR XUSUSIYATLARI VA MATN TANLASH  
TAMOYILLARI ..... 676-686
- Djalolov Furqat Fattohovich*  
UMUMIY O'RTA TA'LIM MAKTABLARIDA INGLIZ TILI TA'LIM SAMARADORLIGINI OSHIRISH  
VA SIFATINI YAXSHILASH YO'LLARI ..... 687-691
- Niyazova Minara Baxramovna*  
TEKNIKA OLIY O'QUV YURTLARIDA TALABALARNI FRANSUZ TILIGA QIZIQTIRISHNING  
O'ZIGA XOS JIHATLARI..... 692-697
- Amrillayev Husniddin Ashrab o'g'li*  
OLY TA'LIMDA VIRTUAL LABORATORIYALARDAN O'QUV JARAYONIDA FOYDALANISHNING  
PEDAGOGIK JIHATLARI ..... 698-702
- Boboyeva Zarifa Jahonqulovna*  
SPORT TAYYORGARLIK JARAYONLARINING ADAPTIV MEXANIZMLARI..... 703-708
- O'rozov Shahobiddin Ziyadullayevich*  
AMIR TEMUR VA TEMURIYLAR DAVRIDA DAVLATNI BOSHQARISH TAMOIYILLARI..... 709-713
- Muxtshamova Parvina Zahitovna*  
ESL DARSLARIDA HAQIQIY MATERIALLARDAN FOYDALANISH ..... 714-716

**07.00.00-IQTISODIYOT FANLARI – ECONOMIC SCIENCES****Received:** 20 May 2024**Accepted:** 30 May 2024**Published:** 19 June 2024*Article / Original Paper***GREEN ENERGY TRANSITION IN AZERBAIJAN: ANALYZING SURVEY RESULTS****Magsud Azad Guliyev**

Azerbaijan Cooperation University, PhD student, Baku, Azerbaijan

Email: [maqsud226@mail.ru](mailto:maqsud226@mail.ru)

**Abstract.** The global community has set a target to reduce greenhouse gases and ensure the continuation of the planet's livability. The world countries have committed to doing their part with respect to climate change, inclusivity, affordability, and many other global challenges. In light of the global transition, as a valuable partner of the global community, Azerbaijan adopted national priorities to reach green growth and green energy production by 2030. This research aims to cast a light on the green transition and, through the survey method, to reveal Azerbaijani people's approaches toward renewable energy. The survey questions encompass people's opinions on fossil fuels, climate change responsibility, the reasons causing it, electric vehicles, people's inclination toward purchasing electric automobiles, and the most problematic issues in the transition to green energy.

**Key words:** green energy, solar energy, wind energy, renewable, electricity, climate change, oil, gas

**OZARBAYJONDA YASHIL ENERGIYAGA O'TISH: SO'ROQ NATIJALARINI TAHLIL QILISH****Magsud Azad Guliyev**

Ozarbayjon Hamkorlik Universiteti, PhD talabasi, Boku, Ozarbayjon

**Annotatsiya.** Jahon hamjamiyati issiqxona gazlarini kamaytirish va sayyoramizning yashash qobiliyatini davom ettirishni ta'minlashni maqsad qilib qo'ygan. Dunyo davlatlari iqlim o'zgarishi, inklyuzivlik, arzon narx va boshqa ko'plab global muammolarga nisbatan o'z ulushini bajarish majburiyatini oldi. Global o'tish davrida jahon hamjamiyatining qimmatli hamkori sifatida Ozarbayjon 2030 yilgacha yashil o'sish va yashil energiya ishlab chiqarishga erishish bo'yicha milliy ustuvorliklarni qabul qildi. Ozarbayjon xalqining qayta tiklanadigan energiyaga nisbatan yondashuvlarini ochib beradi. So'rov savollari odamlarning qazib olinadigan yoqilg'ilar, iqlim o'zgarishiga javobgarligi, uni keltirib chiqaruvchi sabablar, elektr transport vositalari, odamlarning elektr avtomobillarni sotib olishga moyilligi va yashil energiyaga o'tishdagi eng muammoli masalalar haqidagi fikrlarini o'z ichiga oladi.

**Kalit so'zlar:** yashil energiya, quyosh energiyasi, shamol energiyasi, qayta tiklanadigan energiya, elektr energiyasi, iqlim o'zgarishi, neft, gaz

DOI: <https://doi.org/10.47390/SPR1342V4I6Y2024N32>

**Introduction.** Exploring green energy as an alternative energy source in the oil and gas-rich country of Azerbaijan is of great importance, taking into consideration regional and global trends as well as geopolitical confrontation. Given its hydrocarbon reserves, Azerbaijan itself can live without renewable energy. According to the report, Azerbaijan has 7 billion barrels of

proven oil reserves and nearly 3 trillion cubic meters of natural gas, sufficient for 100 years and beyond. Azerbaijan exports its high-quality Caspian oil through the Baku-Tbilisi-Ceyhan pipeline to the world markets, and in 2023 alone, oil trade between top-10 European Union (EU) countries that purchased the most Azeri Light premium oil and Azerbaijan was 12.4 billion euros. The top 5 EU countries were Italy, the Czech Republic, Spain, Germany, and Croatia [4].

Azerbaijan has tremendous potential in the renewable energy sector. According to calculations, this potential is 157 gigawatts of wind energy in the Caspian Sea, approximately 10 gigawatts of wind and solar in the Eastern Zangezur and Karabakh economic regions, and 5000 megawatts of renewable energy potential in Nakhchivan. If Azerbaijan's energy policy is scrutinized closely, it can be divided into three phases. The first phase was delivering Baku oil to the world market; the second was exporting natural gas to neighboring countries and Europe. The third phase involves delivering green electricity generated in Azerbaijan to Europe through the Black Sea sub-sea cable. For the implementation of the last phase, Azerbaijan and the EU agreed that green electricity produced in the former would be exported through Georgia, the Black Sea, Romania, and Hungary. Not only Azerbaijan but also Central Asian countries Kazakhstan and Uzbekistan, together with Baku, can export their green energy in the European direction, and discussions between three Turkic-speaking countries have been held.

Taking into consideration hydrocarbon and renewable energy diplomacy and reality, this study is focused on people's attitudes toward green energy usage. For that purpose, to summarize the population's considerations, eight-regarding questions have been put forward:

- 1) Each of us is responsible for climate change
- 2) What reasons caused climate change the most
- 3) Fossil fuels are the best energy source
- 4) Is there any electric vehicle (EV) owner around you?
- 5) Are you the owner of an EV?
- 6) Could you change your current vehicle to an EV?
- 7) What reasons do you see as problematic when shifting to green energy?

**Literature review.** Transition to renewables in the oil-gas entrenched countries may somewhat be considered controversial. However, Azerbaijan has set National Priorities to reach 30% renewable energy in the whole electricity production landscape by 2030 [2]. Taking an example from Germany's wind energy prices, it illustrated that even in the best-case scenarios, the price gap between onshore and offshore wind energy is quite significant: onshore 3.99 euros per kWh and offshore 7.79 euros per kWh [5]. However, another contentious matter about renewable energy is related to possible carbon emissions, and research in this field has proved that even solar and wind energy might emit carbon in electricity production [8, 15].

It should be noted that previous studies have uncovered that the relationship between economic growth and renewable energy is positive [11]. Adding to this, it can be reflected that the relationship between people's income and energy consumption through cointegration test results has shown negative consequences - a 1% electricity consumption increase leads to a 20.5% reduction in people's income [9]. As for population growth in Azerbaijan, it is likely to increase in the years to come [7].

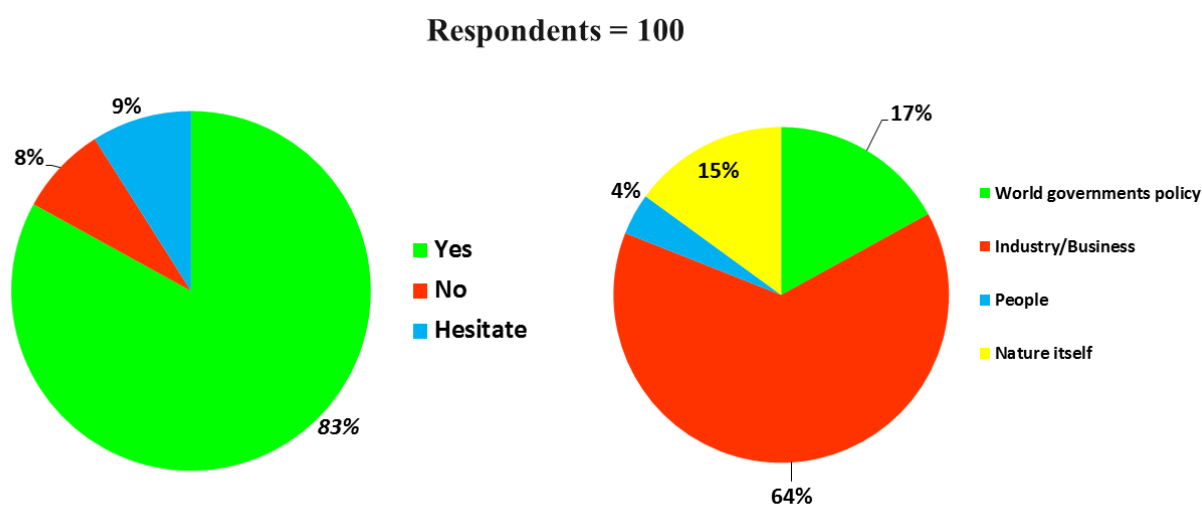
Even if a green transition interview was conducted in Azerbaijan (in Port Baku), a survey of people and their attitudes toward green energy has yet to be carried out, and this research aims to uncover them [10].

**Research methodology.** The foundation of this research is centered on survey results conducted among the population at the beginning of 2024. Through analytical and comparative approaches, the study aims to examine people's opinions on green transition.

**Analysis and discussion of results.** The survey of the Azerbaijani population begins with people's responsibility for the climate change topic. To conduct a comprehensive study and reveal the opinions of people, the concerning questions put forward are: Each of us is responsible for climate change, and what caused climate change the most?

### Each of us is responsible for climate change

### Which of the following caused climate change the most



**Figure 1. People responsibility and climate change reasons**

*\* Compiled by the author*

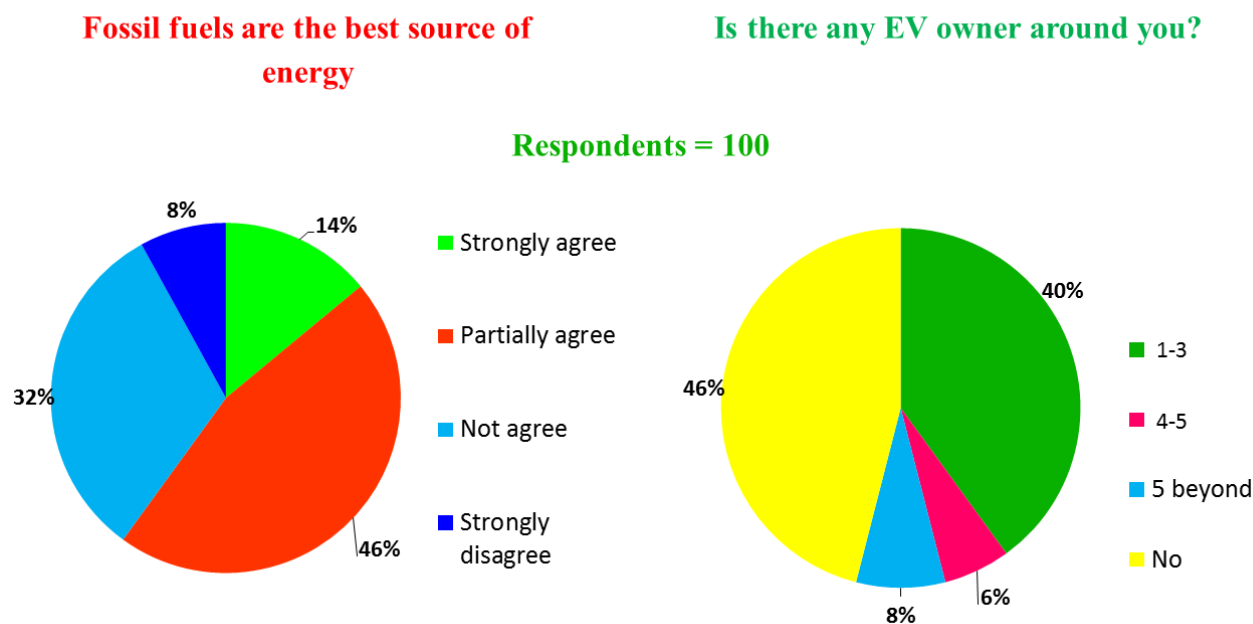
The majority of people – 83% (a total of 100 respondents) – agree that individuals are responsible for, in other words, account for climate actions. Only 8% reject the responsibility, and 9% are not sure and considering hesitation in this matter. The next question was, which of the following caused climate change the most? The answers encompass four options: government policy, industry/business, people, and nature itself. Among respondents, 64% believe that climate change has originated from industry/business sector activities, the second largest (17%) group considers this problem to be the result of the world governments' policy, the third group deems nature itself is the culprit in this matter, and the minor category of respondents think that it lies on the shoulders of the people.

As already known, the COP 29 climate summit is planning to be held in Azerbaijan Baku in November 2024 [1]. Assessment of people's approach ahead of the world-known conference was crucial, and these two questions reflected that Azerbaijani people are well aware of their responsibility. For centuries, Azerbaijan has been a renowned country for its large hydrocarbon reserves, and world-leading companies are actively participating in oil and gas extraction and exportation projects. The investments attracted to the hydrocarbon sector once have already been transformed into green energy projects. For instance, BP, Nobel Energy companies that



are black gold partners, and others have revealed their interest in investing in Azerbaijan's green projects; in addition, Masdar, ACWA Power, and Fortescue Future Industry companies have already signed significant contracts and memoranda of understanding (MoU). Concerning signed contracts, 5000 megawatts of green energy, taking into account MoUs, 10000 megawatts of clean energy may have been implemented by 2030 [3].

The next question was regarding fossil fuels and electric vehicles. Firstly, to assess people's approach toward traditional energy sources and EVs, questions were forwarded: Fossil fuels are the best energy source, and is there any electric vehicle owner around you?



**Figure 2. Fossil fuel and EV questions**

*\* Compiled by the author*

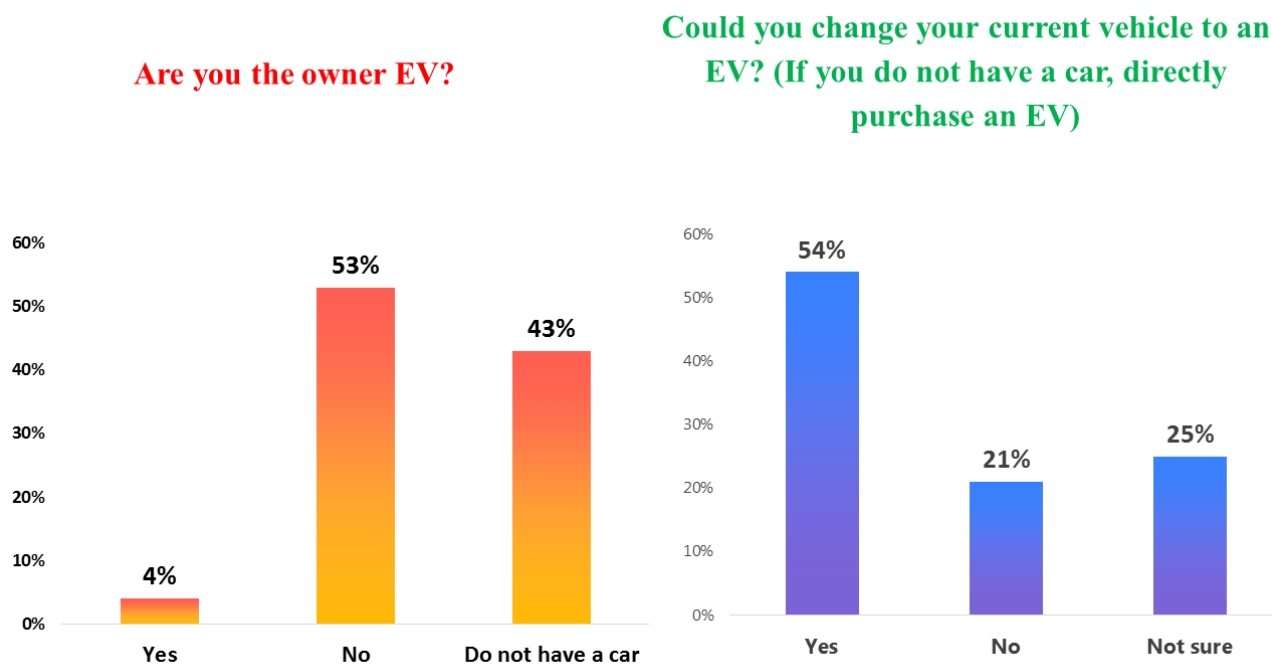
The majority of the respondents - 46% - partially agree with the thought which stresses the fossil fuels as the best energy source, 32% do not agree, and 8% strongly disagree with this notion. Interestingly, 14% of the respondents voted for the "strongly agree" option. It may originate from the fact that the people of Azerbaijan have lived in an oil-rich country for ages and have traditionally gotten used to using it.

In relation to EV questions, of 100 respondents, 46% do not have a car, and 40% confirm that there are 1-3 EV car owners around them. 6% out of 100 say that there are 4-5, and 8% confirmed five and beyond EV owners they know around them.

Based on the Azerbaijani government plans, it is crystal clear that by 2027, up to 2 gigawatts of green energy projects (9 power stations), and by 2030, additional 10 wind and solar energy stations (a total of 10 gigawatts) will have been operational. It is important to remember that Azerbaijan exports natural gas to both neighboring countries and Europe. Due to Azerbaijan's commitments, by 2027, Azerbaijan has to export 20 billion m<sup>3</sup> of natural gas solely to the European Union, and these projects will ensure that [12]. Electricity production heavily relies on natural gas, and approximately 5 billion cubic meters of gas are utilized annually to generate electricity [14]. This means that green energy production will

significantly reduce the amount of natural gas used for electricity production and make it possible to move natural gas in the European direction.

In Azerbaijan, in order to expand the EV market in the country, the government adopted a directive that allows the import of EVs into the country free of charge (customs duty - the production year has to be up to 3 years). This is a prime example of how an oil-gas-rich country is advancing to a greener life. That is why we survey people so as to reveal their plans with respect to EVs.

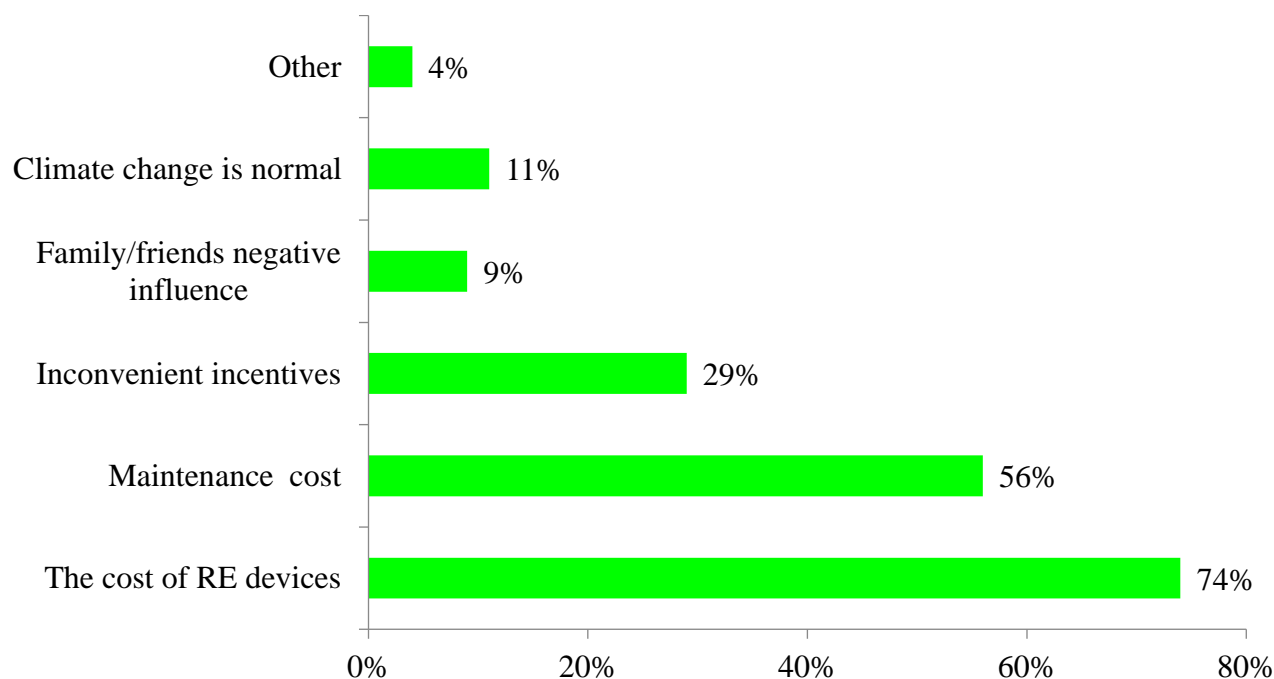


**Figure 3. EVs questions**

*\* Compiled by the author*

The question regarding the ownership of EVs was: Are you the owner of EVs? 53% of respondents voted for "no" options; the second significant group (43%) does not have a car, and only 4% of the respondents drive an EV. The last question concerning EVs was: Could you change your current vehicle to an EV, or if you do not have a car, could you directly purchase an EV? A more significant part of the respondents, to illustrate it precisely 54%, have the intention to shift to EVs, 25% are not sure, and the minor group, 21%, do not have the purpose.

All countries adopt certain plans and programs to reduce the level of greenhouse gases to mitigate climate change and its impacts on everyday life. Transport is among the most polluted sectors, which increases carbon dioxide in the atmosphere. For that reason, the world-renowned automobile industries have set goals to shift to electric cars, buses, and trucks. In terms of reaching climate-friendly cities, countries need to replace internal combustion city buses with electric ones, and in this respect, it is highly appreciated that Azerbaijan has signed a contract with China's "BYD" company to decarbonize intercity buses in the capital city, Baku. Additionally, these electric buses will be manufactured in Azerbaijan [13]. The last survey question concerns individuals' transition to green energy. Unlike previous ones, the checkbox question is: What reasons do you see as problematic when shifting to green energy?



**Figure 4. What reasons do you see as problematic when shifting to green energy?**

*\* Compiled by the author*

Figure 4 comprehensively illustrates individuals' responses, and it is apparent that people (74%) highly stressed the cost of renewable energy (RE) devices as the most problematic. Secondly, from the individuals' perspectives, the maintenance cost of these devices significantly influences the transition. Thirdly, people (29%) consider that the conditions on the ground for green energy transition and usage do not live up to their expectations. 11% support the idea that the level of climate change is average and consider all efforts unnecessary. Only 9% of individuals' opinions are being exposed to family and friends' negative influence on the matter of transition to green energy. The "other" option, which allows individuals to express their opinions, encompasses only four respondents, and their thoughts are the following:

- 1) Due to not being publicized;
- 2) My irresponsibility;
- 3) The last two responses involve "nothing."

**Conclusion.** This study aimed to examine how Azerbaijani people perceive the notion of transitioning to green energy and electric vehicles. Study outcomes through the survey method reveal that the Azerbaijani population is well-informed about climate change and occurring processes across the world, and individuals consider each one of the world's people responsible for mitigating climate concerns. Moreover, people's inclination toward electric vehicles is positive, and the Azerbaijani government's decision in this respect is appreciated.

Through the survey method, one interesting point was revealed: people tend to think that fossil fuels are the best source of energy (46% percent of respondents partially agree with this opinion). However, when it comes to the green energy transition, people strongly support this process and give their opinions regarding transition problems. The most problematic issues with respect to shifting to renewable energy are the purchasing expenses of green

energy devices, their maintenance costs, inconvenient conditions for the installation of devices, and the influence of family and friends.

### Адабиётлар/Литература/References:

1. Abnett K. COP29 host Azerbaijan plans to upgrade climate target [Electronic resource] // Reuters. – March 14, 2024. – URL: <https://www.reuters.com/business/environment/cop29-host-azerbaijan-plans-upgrade-climate-target-2024-03-14/>
2. Azerbaijan 2030: National Priorities for Socio-Economic Development. Order of the President of the Republic of Azerbaijan. – URL: <https://president.az/en/articles/view/50474>
3. Azerbaijan Renewable Energy Agency under the Ministry of Energy of the Republic of Azerbaijan. – URL: <https://area.gov.az/en/page/haqqimizda>
4. Azerbaijan's last-year EU-exported oil and gas revenues announced [Electronic resource] // Azernews. – February 21, 2024. – URL: <https://en.trend.az/business/energy/3865238.html>
5. Floating wind turbines: Offshore energy's secret weapon [Electronic resource] // DW Planet A. – URL: <https://www.youtube.com/watch?v=El4kHkJ7ITs>
6. Hajiyev Sh. Azerbaijan's Green Growth Plan [Electronic resource] // Center of Analysis of International Relations. – January 11, 2024. – URL: <https://aircenter.az/en/single/azerbaijans-green-growth-plan-1340>
7. Hampel-Milagrosa A., Haydarov A., Anderson K., Sibal J., and Ginting E. Azerbaijan: Moving toward more diversified, resilient, and inclusive development. – Asian Development Bank, 2020. – 216p.
8. How green is solar energy really? [Electronic resource] // DW Planet A. – URL: <https://www.youtube.com/watch?v=EWV4e453y8Y>
9. Humbatova S., Ahmadov F., Seyfullayev İ., and Hajiyev N. G. The Relationship Between Electricity Consumption And Economic Growth: Evidence From Azerbaijan // International Journal of Energy Economics and Policy. – 2020. – №10(1). – P.436–455.
10. Maharramova G., Dadashov M. Opportunities, Benefits and Challenges in the Transition to a Green Economy: The Case of Azerbaijan // Exploring the Green Economy: Issues, Challenges and Benefit. – 2023. - special issue journal. - P.11-48.
11. Mukhtarov S., Mikayilov J.I., Humbatova S., and Muradov V. Do high oil prices obstruct the transition to renewable energy consumption? // Sustainability. – 2020. №12(11), P.4689. – DOI: <https://doi.org/10.3390/su12114689>
12. O'Byrne D. Azerbaijan says on target to double gas exports to Europe [Electronic resource] // Eurasianet. – December 18, 2023. – URL: <https://eurasianet.org/azerbaijan-says-on-target-to-double-gas-exports-to-europe>
13. Project for the production of electric buses [Electronic resource] // Azerbaijan Investment Company. – URL: <https://www.aic.az/en/news/1319/project-for-the-production-of-electric-buses>
14. The State Statistical Committee of the Republic of Azerbaijan. URL: [https://www.stat.gov.az/source/balance\\_fuel/?lang=en](https://www.stat.gov.az/source/balance_fuel/?lang=en)
15. Wind power's unsolved problem [Electronic resource] // DW Planet A. – URL: <https://www.youtube.com/watch?v=HzQShAlObn8>

# SCIENCEPROBLEMS.UZ

## ИЖТИМОЙ-ГУМАНИТАР ФАНЛАРНИНГ ДОЛЗАРБ МУАММОЛАРИ

*№ 6 (4) – 2024*

### АКТУАЛЬНЫЕ ПРОБЛЕМЫ СОЦИАЛЬНО- ГУМАНИТАРНЫХ НАУК

#### ACTUAL PROBLEMS OF HUMANITIES AND SOCIAL SCIENCES

**Ижтимоий-гуманитар фанларнинг долзарб муаммолари** электрон журнали 2020 йил 6 август куни 1368-сонли гувоҳнома билан давлат рўйхатига олинган.

**Муассис:** “SCIENCEPROBLEMS TEAM” масъулияти чекланган жамияти

**Таҳририят манзили:**

100070. Тошкент шаҳри, Яккасарой тумани, Кичик Бешёғоч кўчаси, 70/10-уй. Электрон манзил:

[scienceproblems.uz@gmail.com](mailto:scienceproblems.uz@gmail.com)

**Боғланиш учун телефонлар:**

(99) 602-09-84 (telegram).