ALLEGATO 9

ELENCO DELLE PRESSIONI E MINACCE

Di seguito si riporta l'elenco delle pressioni e minacce reperito in lingua inglese sui siti http://cdr.eionet.europa.eu/help/habitats_art17; http://cdr.eionet.europa.eu/help/birds_art12.

Nel presente elenco le pressioni/minacce risultano, seppur limitatamente al nome, tradotte in italiano per consentirne un suo più agevole utilizzo.

Codice	Pressione/Minaccia	Descrizione
PA	Agricoltura	
PA01	Conversione in terreno agricolo (esclusi incendi e drenaggi)	Conversion of natural and semi-natural non-agricultural habitats (e.g. semi-natural forests) and non-agricultural habitats of species targeted by the nature directives into agricultural land (e.g. pastures, meadows, arable fields). This pressure does not relate only to land use changes that occurred during the reporting period but it refers to instances where continuing the agricultural use of originally non-agricultural habitat prevent the latter from being restored (e.g. in case of land use conflicts between agriculture and nature conservation).
PA02	Conversione da un tipo di uso agricolo a un altro (esclusi incendi e drenaggi)	
PA03	Conversion from mixed farming and agroforestry systems to specialised (e.g. single crop) production	Large scale changes (affecting the habitat at landscape level or landscape functions like connectivity or nutrient cycling) of agricultural systems from traditional mixed or diversified farming and agroforestry into intensive specialised farming (e.g. single crop).
PA04	paesaggio atti al consolidamento	Removal of single landscape features or small scale parcel consolidation (e.g. removal of hedges between two existing arable fields, to facilitate use of farm machinery).
PA05	Abbandono della gestione/uso delle praterie e di altri sistemi agricoli o agroforestali(es. cessazione del pascolo, sfalcio o pratiche tradizionali)	Abandonment of traditional agricultural practices and management in grasslands and other agricultural systems, such as cessation of mowing, abandonment of traditional pastoral systems like itinerant grazing in mountain areas, the abandonment of traditional farming, grazing and other traditional uses of fens, mires, heathland or agroforestry habitats. Also included are situations due to inadequate or lack of conservation management.
PA06	Sfalcio o taglio di praterie	Inappropriate techniques or timing of mowing, for example mowing at inappropriate times, mowing with too high a frequency,

		using machinery or inadequate machinery for mowing of grasslands or leaving dead material after mowing on the ground (mulching). Also included are situations due to inadequate or lack of conservation management.
PA07	Pascolo intensivo o sovrapascolo di bestiame domestico	Intensive grazing or overgrazing by livestock in agricultural and agroforestry habitats (e.g. pastures, meadows, pastured forests) where grazing causes damage to vegetation or soil (e.g. trampling, nitrogen input) or where livestock presents a disturbance or a competitor for species targeted by the nature directives. Includes intensive grazing in other habitats in agricultural landscapes (riparian areas, bogs, scrubs and forests) where grazing causes damage to vegetation or habitats. Also included are situations due to inadequate or lack of conservation management.
PA08	Pascolo estensivo o sottopascolo di bestiame domestico	Insufficient grazing or undergrazing that causes, for example, changes in species composition, or extensive grazing in inappropriate habitats like meadows or bogs. Also included are situations due to inadequate or lack of conservation management.
PA09	Bruciatura (pratica agricola)	Burning as an agricultural practice, for example, to create a pasture, or burning agricultural waste like crop stubble.
PA10	Allevamento (senza pascolo)	Other activities, except grazing, related to livestock farming, like livestock feeding or use of veterinary drugs (e.g. causing increased mortality of scavengers like vultures as a consequence of 'incidental poisoning' following the consumption of livestock carcasses treated with veterinary drugs). Includes abandonment of traditional processes related to livestock (e.g. closure of traditional livestock carcass dumps causing loss of food resources for vultures). This pressure does not include pollution due to animal breedings, which shall be reported in the separate pressure PA20.
PA11	Pratiche agricole di gestione del suolo (es. aratura)	Inappropriate use of soil management practices in agriculture or techniques or timing of soil management and tillage (e.g. ploughing at inappropriate times, using inadequate machinery for ploughing or the inappropriate use of tillage (for instance in grasslands)). This pressure does not include fertilisation, which shall be reported in the separate pressure PA13 "Application of natural or synthetic fertilisers on agricultural land").
PA12	Tecniche inappropriate di raccolto e taglio dei coltivi	Inappropriate techniques and timing of harvesting, for example, use of machinery for harvesting, use of inadequate machinery for harvesting (e.g. more efficient machinery may reduce the amount of unharvested/spilt grain available as food) or inappropriate harvesting periods (e.g. harvesting too early in season, harvesting during the night). Includes the cutting of vegetation along the edges of fields.
PA13	Applicazione di fertilizzanti naturali o sintetici sui terreni agricoli	Use, application, treatment and stocking of natural (e.g. manure, slurry) and synthetic fertilisers for agricultural production. This also includes runoff, e.g. to wetlands, fresh water and marine environments, potentially impacting adjacent areas within the same catchment due to nutrient inputs (e.g. lakes, ponds and peatlands)
PA14		Use of plant protection chemicals in agriculture (e.g. pesticides, fungicides, growth retardants, hormones, seed coatings etc.).
PA15	Uso di altri metodi di lotta ai parassiti (esclusa la lavorazione del terreno)	Use of other pest control methods in agriculture (e.g. biocontrol)
PA16	Introduzione e diffusione di nuovi coltivi (inclusi gli OGM)	Introduction and/or spread of new crops (e.g. crops producing pollen toxic for pollinators) as well as other animals and

		organisms incl. GMOs.
PA17		This pressure addresses diffuse and point source water pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. point pollution from an animal farm that should be reported as PA20 "Live stock farming generating pollution", or diffuse pollution due to the application of fertilisers should be reported under respective activities PA13 "Application of natural or synthetic fertilisers on agricultural land"). This presssure further includes pollution from waste management practices in agriculture.
PA18	Attività agricole generatrici di inquinamento dell'aria	This pressure addresses air pollution resulting from agricultural activities and agricultural land use which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. air pollution from an animal farm that should be reported as PA20 "Livestock farming generating pollution"). This presssure further includes pollution from waste management practices in agriculture.
PA19	Attività agricole generatrici di inquinamento del suolo	This pressure should be used to address the pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. diffuse pollution due to application of fertilisers or plant protection chemicals should be reported under respective activities PA13 "Application of natural or synthetic fertilisers on agricultural land" or PA14 "Use of plant protection chemicals in agriculture"). This pressure further includes pollution from waste management practices in agriculture.
PA20	Attività zootecniche generatrici di inquinamento	Livestock farming and, more precisely animal breeding causing point or diffuse pollution that affects water, air and/or soil quality and contribute to altering the biogeochemical cycles of nitrogen, phosphorus and carbon. This presssure further includes pollution from waste management practices in agriculture.
PA21	Estrazione attiva di acqua per usi agricoli	Abstraction of water for use in agriculture e.g. for irrigation or in large scale animal breeding. This also includes activities modifying the physical structure or hydrological functioning of water bodies triggered by agricultural production (e.g. altering of flooding regimes, altering regimes of rivers to keep sufficient water supply for irrigation, cleaning irrigation canals, canalisation of rivers and cutting of the oxbow lakes). This excludes development and operation of dams.
PA22	Drenaggi per utilizzo terreni agricoli	Activities like water abstraction, hydrological modifications, canalisation aimed at draining natural or semi-natural habitats for the use as agricultural land (e.g. drainage of wetlands for agriculture).
PA23	Alterazione fisica dei corpi d'acqua (incluse dighe, canali ecc.)	Development and operation of dams for agricultural purposes, including dams, channels, ditches etc
PA24	Coltivazioni per produzione di energia rinnovabile	Conversion of agricultural or non-agricultural habitats into areas of agricultural production of renewable energy stocks, and other pressures arising from the agricultural production of energy crops.
PA25	Altre attività agricole non menzionate sopra	Other agricultural activities not mentioned above.
PB	Silvicoltura	
PB01		Increase in forest area, including planting of forests on grassland or heathland, or converting shrubs into forest. This pressure does not relate only to land use changes that occurred during the

		reporting period but it refers to instances where continuing the current forestry use of a natural/semi-natural habitat prevents the latter from being restored (e.g. in cases of land use conflicts between forestry and nature conservation for the restoration of some heathlands and peats, which were in the past afforested and are currently being managed and replanted as forests).
PB02	Conversione di habitat forestali in altri tipi di foreste	Conversion of forest habitats into another type of forest habitat, often conversion from extensive forests into production forests (e.g. conversion to monocultures) but also other types of conversion (e.g. conversion from coppice to high forest or changes of tree species composition). Includes deliberate changes. Passive abandonment of traditional forest management should be reported as PB04. This pressure does not relate only to land use changes that occurred during the reporting period but it refers to instances where continuing the current forestry use of a natural/semi-natural habitat prevent the latter from being restored (e.g. in case of land use conflicts between forestry and nature conservation).
PB03	Ripiantumazione o introduzione di specie arboree nuove (inclusi gli OGM)	Introduction and/or spread of new non-native (including new tree species and genetically modified organisms such as Eucalyptus) or non-typical species (i.e. native species which do not naturally occur as a part of a specific forest type or within a specific region) as well as other animals and organisms incl. GMOs.
PB04	Abbandono dei sistemi di gestione forestale tradizionali	Abandonment of traditional management and maintenance of secondary forest habitats such as some oak and oak-hornbeam forests, chestnut forests or lichen-pine forests. Also included are situations due to inadequate or lack of conservation management.
PB05	Taglio senza ripiantumazione o ricrescita naturale	Decline in forest area due to non-replanting or absence of natural regrowth after forest exploitation. Also included are situations due to inadequate or lack of conservation management.
PB06	Tagli o sfoltimenti (escluso taglio a raso)	Logging (of individual trees) causing damage to e.g. standing trees, forest undergrowth or soil and springs. This also includes the removal of trees of a certain tree layer(s) (upper or lower) in order to favour selected trees or to promote natural regeneration leading to damage to soil, springs, forest habitats and undergrowth due to thinning. Impacts in relation to logging frequency and period of logging throughout the year are also to be considerd under this pressure. This pressure does not include activities related to clear cutting, which shall be reported in the separate pressure PB09.
PB07	Rimozione di alberi morti o morenti (incluso il legno a terra)	Removal of dead and dying trees (e.g. to prevent forestry pests) and removal of fallen wood (e.g. for firewood collection, fire prevention or enabling access by machinery).
PB08	Rimozione di alberi senescenti (esclusi i morti o morenti)	Targeted removal of old trees (e.g. to preserve the forest structure or to improve regeneration). Includes logging of mature trees (trees with a high potential to become old) in forests with a diverse age structure.
PB09	Tagli a raso, deforestazione totale	Forest clearance (small to large scale removal of all trees) causing damage to forest habitat or habitats of species targeted by the nature directives, to soil or springs or other physical features.
PB10	Disboscamento illegale	Illegal logging e.g. organised illegal timber extraction.
PB11	Sfruttamento di prodotti forestali (escluso il taglio)	Forest exploitation activities of forestry products (e.g. cork extraction and resin extraction), excluding timber logging.
PB12	Incendio come pratica di gestione forestale	Burning as a forestry practice (e.g. burning waste after exploitation).
PB13	Soppressione del fuoco come pratica forestale	Suppression of fire and decreased use of forest management practices that involve controlled burning

PB14	Gestione forestale mirata a ridurre le foreste vetuste	Shortening of logging rotations or other activities like thinning aimed at earlier logging.
PB15	Trasporto di legname	Construction and maintenance of logging roads and tracks (closed to public circulation), wood transport within forest (damaging forest undergrowth, soil and springs) and poor management of wood transport (e.g. leaving the felled wood in piles in forests during summer or damage to soil).
PB16		Use, application, treatment and stocking of synthetic and natural fertilisers (e.g. manure, slurry) in forestry.
PB17		Use of plant protection chemicals in forestry (e.g. pesticides, herbicides, fungicides, pheromones or repulsives).
PB18	Uso di altri metodi di lotta ai parassiti in ambito forestale (es. protezione fisica delle piante)	Use of other pest control methods in forestry. This includes biocontrol and the use of physical or mechanical plant protection in forestry (e.g. exclosure fencing, protective cages/sleeves around trees/saplings, cutting weeds, mulching).
PB19	Attività forestali generatrici di inquinamento alle acque superficiali o sotterranee (incluso l'ambiente marino)	This pressure addresses diffuse water pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. diffuse pollution due to application of fertilisers or plant protection chemicals should be reported under respective activities PB16 "Application of natural or synthetic fertilisers in forestry" or PB17 "Use of plant protection chemicals in forestry").
PB20	Attività forestali generatrici di inquinamento dell'aria	This pressure addresses air pollution resulting from forestry activities.
PB21	Attività forestali generatrici di inquinamento del suolo	This pressure addresses soil pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. soil pollution due to application of fertilisers or plant protection chemicals should be reported under respective activities PB16 "Application of natural or synthetic fertilisers in forestry" or PB17 "Use of plant protection chemicals in forestry".
PB22	Attività forestali generatrici di inquinamento acustico	This pressure addresses noise pollution resulting from forestry activities.
PB23	Physical alteration of water bodies for forestry (including dams) Alterazioni fisiche dei corpi d'acqua in ambito forestale (incluse le dighe)	functioning of water bodies triggered by forestry production and exploitation, and activities aimed at drying out the land to
PB24	Drenaggi a scopo forestale	Activities like water abstraction, hydrological modifications, canalisation aimed at draining natural or semi-natural forest habitats (e.g. drainage of wetlands for forestry).
PB25	Gestione forestale per la produzione di energia rinnovabile	Conversion of forest or non-forest habitats into short rotation coppices (e.g. coppices of willow, poplar or eucalyptus) or converting or maintaining existing forest as short rotation coppices/forests (e.g. chestnut forests) for biomass production and other pressures from forestry biomass production.
PB26	Altre attività forestali, escluse quelle relative all'agroforestazione	Other forestry activities not mentioned above (e.g. example pruning).
PC	Estrazione di risorse (minerali, torba, energie non rinnovabili)	
PC01	Estrazione di minerali (es. roccia,	Extraction of rocks, gravel, sand, metal ores, loam, clay and shells

	ghiaia, sabbia, conchiglie rock, metalli)	from quarries, inland water bodies (lakes, river beds) and sea.
PC02	Estrazione di sale	Extraction of salt from quarries and saltpans.
PC03	Estrazione di petrolio e gas, incluse le infrastrutture	Exploration of, development of infrastructure for and extracting petroleum and other liquid hydrocarbons (e.g. deep sea natural gas drilling or hydraulic fracturing on land). Includes oil spills that occur at the drill site.
PC04	Estrazione di carbone	Coal mining including both open cast and underground mining.
PC05	Estrazione di torba	Extraction of peat (e.g. cutting of peat and mechanical removal of peat). Includes drainage associated with peat extraction.
PC06	Discariche/depositi di materiali inerti e dragati provenienti da estrazioni in ambiente terrestre e marino	
PC07	Indagini geotecniche	Geotechnical surveying for oil and gas exploration and exploration of mines (e.g. seismic marine surveys or surveys to evaluate potential for hydraulic fracturing).
PC08	Attività estrattive generatrici di inquinamento per acque superficiali o sotterranee	This pressure should be used to address diffuse and point source pollution to surface and ground waters resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. point source pollution from coal mines or at oil and gas exploitation sites should be reported under the respective codes PC04 Coal mining or PC03 Extraction of oil and gas, including infrastructure).
PC09	Attività estrattive generatrici di inquinamento marino	This pressure should be used to address marine pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. marine pollution related to oil and gas exploitation should be reported under PC03 "Extraction of oil and gas", including infrastructure).
PC10	Attività estrattive generatrici di inquinamento del suolo	This pressure addresses soil pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. soil pollution from coal mines or at oil and gas exploitation sites should be reported under the respective codes PC04 Coal mining or PC03 Extraction of oil and gas).
PC11	Attività estrattive generatrici di inquinamento acustico, luminoso o altre forme di inquinamento	
PC12	Prelievo di acque superficiali e sotterranee per attività estrattive	Abstraction of water for processing the exploited materials.
PC13	Altre attività estrattive e minerarie	Other mining and extraction activities not mentioned above (e.g. closure of mines).
PD	Produzione di energia e sviluppo delle relative infrastrutture	
PD01	Energia generata da vento, onde e maree, e relative infrastrutture	Renewable energy (wind, wave and tidal power) generation including development and use of associated infrastructure (e.g. building wind turbines or tidal barrages, collision of birds with wind turbines, damage to coastal habitats or disturbance of marine mammals due to operation of tidal or wave barrages).
PD02	Energia idroelettrica (dighe, sbarramenti, e relative infrastrutture)	

		of water due to operation of dams and weirs).
PD03	Energia solare, incluse le infrastrutture	Renewable energy (solar power) generation including development and use of associated infrastructure (e.g. building solar farms).
PD04	Energia geotermica, incluse le infrastrutture	Renewable energy (geothermal power) generation including development and use of associated infrastructure (e.g. exploitation drills, geothermal wells, managing waste heat, managing pollution from geothermal waters, accidents).
PD05	Sviluppo e fase operativa degli impianti di produzione energetica (incluse le infrastrutture)	Development and operation of energy production plants (e.g. bioenergy plants, fossil and nuclear energy plants).
PD06	Trasmissione dell'elettricità e comunicazioni (cavi)	Construction, operation and maintenance of power lines and communication infrastructure (e.g. collisions or electrocution of wildlife with phone and power lines), including constructions and cables above and below ground.
PD07	Oleodotti e gasdotti	Construction and operation of oil and gas pipelines in both the marine and terrestrial environment (e.g. negative impact of explosions, air pollution).
PD08	Attività di produzione e trasmissione di energia generatrici di inquinamento delle acque superficiali o sotterranee	This pressure should be used to address the pollution to surface and ground waters resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. pollution from oil pipelines or from geothermal waters should be reported under PD07 "Oil and gas pipelines" or PD04 "Geothermal power generation (including infrastructure)").
PD09	Attività di produzione e trasmissione di energia generatrici di inquinamento dell'aria	This pressure should be used to address the air pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. pollution from fossil energy plants should be reported as PD05 "Development and operation of energy production plants (including bioenergy plants, fossil and nuclear energy plants)").
PD10	Attività di produzione e trasmissione di energia generatrici di inquinamento del mare	This pressure should be used to address the marine pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. pollution from oil pipelines or from geothermal waters should be reported under PD07 "Oil and gas pipelines" or PD04 "Geothermal power generation (including infrastructure)").
PD11	Attività di produzione e trasmissione di energia generatrici di inquinamento acustico	This pressure should be used to address the noise pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. noise pollution from wind, wave or tidal turbines should be reported under PD01 "Wind, wave and tidal power, including infrastructure)").
PD12	Attività di produzione e trasmissione di energia generatrici di inquinamento luminoso, calore o altre forme di inquinamento	This pressure should be used to address the light, heat or other forms pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. heat pollution from cooling waters should be reported under PD05 "Development and operation of energy production plants (including bioenergy plants, fossil and nuclear energy plants)").
PD13	Prelievo di acque superficiali e sotterranee per produzione di energia (esclusa l'energia idroelettrica)	Surface water abstraction for energy production (e.g. for cooling in electricity production).
PD14	Altre attività di produzione e trasmissione di energia	Other energy production and transmission related activities not mentioned above.
PE	Sistema dei trasporti (fase di sviluppo e fase operativa)	

PF01		Conversion of natural and semi-natural habitats to housing, settlement or recreational areas (including development of
PF	Sviluppo, costruzione ed uso infrastrutture ed aree residenziali, commerciali, industriali e ricreative	
PE09	Altre attività di trasporto terrestre, marino ed aereo	Other land, water and air transport activities not mentioned above.
PE08	Attività di trasporto terrestre, marino ed aereo generatrici di inquinamento acustico, luminoso o altre forme di inquinamento	This pressure should be used to address noise, light and other forms of pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. noise from shipping should be reported under PE02 "Shipping lanes and ferry lanes transport operations").
PE07	Attività di trasporto terrestre, marino ed aereo generatrici di inquinamento del mare	This pressure should be used to address marine pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. oil spills from tankers or fuel oil leaks and discharges from ships and ferries should be reported under PE02 "Shipping lanes and ferry lanes transport operations").
PE06	Attività di trasporto terrestre, marino ed aereo generatrici di inquinamento dell'aria	This pressure should be used to address air pollution resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. emissions from particular transportation methods like road transportation vehicles, aircrafts, container ships or ferries should be reported under respective codes PE01 "Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels)", PE02 "Shipping lanes and ferry lanes transport operations" or PE04 "Flight paths of planes, helicopter and other non-leisure aircrafts").
PE05	Attività di trasporto terrestre, marino ed aereo generatrici di inquinamento delle acque superficiali o sotterranee	This pressure should be used to address the pollution to surface or ground waters resulting from activities which cannot be directly attributed to specific activities covered by other level 2 pressures (e.g. leaks and spills from commercial freshwater vessels should be reported under E02 Shipping lanes and ferry lanes transport operations).
PE04	Rotte di volo di areoplani, elicotteri e altri mezzi non ricreativi	Transport activities on the flight paths of the aircraft including near airports (e.g. birds collisions with (commercial) aircraft at/near airports).
PE03	Rotte di navigazione e infrustrutture di ancoraggio (es. canalizzazioni, dragaggi)	Maintenance and construction of marine and inland water shipping lanes, transport corridors or coastal infrastructure for anchorage of ships and vessels (industrial, commercial) including hydrological and morphological modifications for transport (e.g. canalisation, water deviation, barriers and locks, dredging and desilting of waterways for navigational purposes).
PE02	Rotte di navigazione e operazioni di trasporto marittimo	Operation and use of marine and inland water transport corridors, as well as pressures linked to transport activities on these freshwater and ocean waterways (e.g. disturbance from shipping at feeding/nesting areas, death or injury by collision, wakes from cargo ship traffic, oil spills from tankers, increased risk of colonisation of islands by invasive species). Includes the anchorage of ships and vessels (industrial, commercial).
PE01	Strade, ferrovie e relative infrastrutture	Construction and operation (e.g. collisions, traffic, noise, light, fencing associated with roads, use of salt for snow cleaning etc.) of road and related infrastructure (e.g. bridges, viaducts, tunnels) and related pressures such as animal mortality, habitat fragmentation, improved access to sites via roads and paths.

	suolo	dispersed housing) as well as to commercial or industrial areas (e.g. building the industrial parks or warehouse zones) or construction of solitary buildings not dedicated to housing and recreation (like solitary buildings for agricultural or forestry use). This pressure relates not only to land use changes that occurred during the reporting period,it also refers to instances where continuing the current land use of a natural/semi-natural habitat prevent the latter from being restored.
PF02	Costruzioni o modifiche (es. zone residenziali, insediamenti) in aree costruite già esistenti	
PF03	Creazione o sviluppo di infrastrutture per lo sport, turismo e tempo libero	Creation and development of sport and leisure structures outside priorly built-up areas or recreational areas (e.g. building the ski lifts, cable cars, motocross circuits). The pressure is also of specific relevance for the coastal areas (e.g. dunes, estuaries, other shallow areas etc), also in relation to small scale construction of e.g. private bridges, jettys, for both residential and recreational purposes.
PF04	Sviluppo e mantenimento di zone balneari per turismo e tempo libero	Activities connected with development and maintenance of recreational coastal areas and beach resorts such as levelling of dunes morphology, beach cleaning (also with mechanical vehicles), beach nourishment, human trampling and overuse, construction of buildings connected to the seaside bathing establishments, marine/beach litter deposition.
PF05	Attività sportive, turistiche e per il tempo libero	Sport, tourism and leisure activities outside the urban and recreational zones (e.g. outdoor sports, leisure aircrafts, drones, human trampling, wildlife watching).
PF06	Deposito e trattamento di rifiuti e spazzatura di zone costruite	Management, including deposition and treatment (e.g. dumps, landfills, incineration and other methods of physical or biological processing) of waste from urban and recreational areas (e.g. household waste, other urban waste like waste from hospitals or from urban green areas, food waste from recreational areas) as well as from industrial production processes.
PF07	residenziali generatrici di	Pollution originating from residential and commercial areas generating point and source pollution to surface or ground water should be included here. This entails, for instance, pollution from rain and storm water running from urbanised areas carrying pollutants from roads and parking plots as well as fertilizers and pesticides used for urban vegetation. It further includes discharges of urban waste water (sewage) into surface and ground waters as well as discharges from non-manufacturing commercial areas which can largely be assimilated as urban waste water. Includes also activities related to household waste water treatment.
PF08	Attività e strutture industriali generatrici di inquinamento delle acque superficiali o sotterranee	Pollution originating from industrial areas generating point and source pollution to surface or ground water should be included here. This includes, for instance, pollution originating from industrial processes (i.e. from industrial production and processing), discharges of industrial waste water as well as pollution from contaminated or abandoned industrial sites. Includes also activities related to industrial waste water treatment.
PF09	Attività e strutture residenziali,	Different activities related to residential and commercial areas as

	commerciali e industriali generatrici di inquinamento dell'aria	well as to industrial activities generating air pollution (e.g. heating or industrial production). This also include recreational activities.
PF10	Attività e strutture residenziali, commerciali e industriali generatrici di inquinamento marino	Marine pollution originating from residential, commercial and industrial areas and activities (including recreational activities) generating diffuse and point source pollution. This includes generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) and micro-residues in benthic habitats.
PF11	Attività e strutture residenziali, commerciali e industriali generatrici di inquinamento del suolo	well as to industrial activities generating soil pollution (e.g.
PF12	Attività e strutture residenziali, commerciali e industriali generatrici di inquinamento acustico, luminoso, calore o altri tipi di inquinamento	Different activities and structures related to residential, commercial and industrial areas (including recreational activities) that generate noise, light, heat or other forms of pollution.
PF13	Drenaggi, bonifiche e conversione di zone umide, torbiere, stagni, per aree costruite	Drainage, land reclamation and conversion of wetlands (e.g. marshes, bogs, fens, alluvial habitats, infilling of wetland areas) to prepare land for construction of human settlements and industrial/commercial areas. This includes the expansion of single dwellings and constructions.
PF14	Modifiche dei regimi di piena, interventi di protezione dalle piene per aree costruite	
PF15	Modifiche nelle condizioni delle coste, linee di costa ed estuari per zone costruite	Activities modifying coastline or estuary and coastal conditions triggered by urban development such as development and protection of residential, commercial, industrial and recreational infrastructure and areas (also entailing the expansion of single dwellings). Includes activities like building sea defences and coastal protection infrastructure or maintenance of existing coastal structures (e.g. repairs to existing sea defences, harbour walls).
PF16	Costruzione o sviluppo di invasi e dighe per zone costruite	Construction, development, use and maintenance of reservoirs and dams for residential, commercial or industrial development and use (e.g. drinking water supply or industrial cooling). This includes the expansion of single dwellings and constructions.
PF17	Prelievo attivo di acqua per zone costruite	Abstraction from ground and surface waters (including marine) for public water supply and recreational/commercial/industrial use (e.g. for abstraction of fresh/marine water for swimming pools, or industrial cooling or industrial processing). This includes activities related to the expansion of single dwellings and constructions. This pressure also addresses activities related to development and use of residental/commercial/industrial areas and structures that modify physical structure and/or hydrological functioning of water bodies which cannot be directly attributed to specific activities covered by other level 2 pressures.
PG	Estrazione e coltivazione di risorse biologiche viventi (diversi da agricoltura e silvicoltura)	
PG01		Professional marine fishing and shellfish harvesting causing increased mortality, reduction of species and/or prey populations

	che genera riduzione di specie e disturbo	and disturbance to species.
PG02		Recreational marine fishing and shellfish harvesting causing increased mortality, reduction of species and/or prey populations and disturbance to species.
PG03	Pesca raccolta di molluschi in ambiente marino (professionale e ricreativa) che genera perdita e disturbo agli habitat dei fondali	Professional and recreational marine fishing and shellfish harvesting activities causing physical loss and disturbance of seafloor habitats (e.g. bottom trawling, benthic dredging).
PG04	Lavorazione di pesce e molluschi marini	Activities related to marine fish and shellfish processing like handling the catch, storing, pre-processing and processing, and waste treatment.
PG05	Raccolta di specie vegetali marine	Commercial and non-professional harvesting of wild marine plants (such as seagrass), and macro- and micro-algae.
PG06		Professional freshwater fishing and shellfish harvesting causing increased direct mortality, reduction of species and/or prey populations and disturbance to species.
PG07		Recreational freshwater fishing and shellfish harvesting causing increased direct mortality, reduction of species and/or prey populations and disturbance to species.
PG08	Caccia	Hunting causing increased direct mortality, reduction of species and/or prey populations and disturbance to species.
PG09	Gestione degli stock ittici e della selvaggina	Activities related to management of fishing stocks and game such as stocking or restocking with native fish species (including illegal restocking), management of game population (e.g. control of certain other predators, such as corvids, by gamekeepers), management of game habitat (e.g. burning of heather for Lagopus lagopus), feeding of game, damages due to overabundant game.
PG10	Raccolta di specie selvatiche animali, vegetali e fungine in ambiente terrestre	Harvesting or collecting of other wild plants and animals on terrestrial land, for example, honey, fruit or wild mushroom collection, reed cutting/harvesting, orchid collection, butterfly collecting, pillaging of floristic stations, or algae harvesting in freshwater systems.
PG11	Uccisioni illegali	Illegal shooting, killing or collecting of animal species. This includes, for example, illegal killing of game species, illegal taking of fish, illegal collecting of strictly protected animal species. Also includes hunting, capture or killing using methods and forms referred to in the Article 8 of the Birds Directive (e.g. 'indiscriminate' forms of hunting for birds such as snares) or in Article 15 of the Habitats Directive; or the practice of hunting and fishing activities that do not conform to e.g. quotas or seasonal restrictions.
PG12	Raccolta illegale	Illegal harvesting, collecting and taking of plant species (e.g. collecting strictly protected species or illegal taking of other plants species for which harvesting is regulated).
PG13	Cattura e uccisione accidentale (dovute ad attività di caccia e pesca)	Bycatch and incidental killing due to fishing and hunting activities (e.g. 'accidentally' shooting of a non-target species, because of similarities with a target species, capture/drowning on long-lines and in fishing nets, entanglement in discarded/lost fishing gear).
PG14		Deliberate poisoning of animals including the effect of secondary poisoning.
PG15	Uso di munizioni di piombo o pesi da pesca	Poisoning related to the use of lead shots, lead bullet fragments or fishing weights.

PG16	Modificazioni delle condizioni	Activities modifying coastal conditions triggered by marine
		aquaculture (e.g. habitat loss and degradation in coastal areas due to development and installation of infrastructure). Includes changes, for instance, in sedimentation rates due to operation of facilities and use of equipment and tools (e.g. for harvesting). Aquaculture can relate to different organism groups, such as fish, crustaceans, mollusks, algae.
PG17	Prelievo attivo di acque per acquacoltura	Abstraction of water and flow deviation for freshwater aquaculture. This excludes development and operation of dams that shall be reported under PG18.
PG18		Activities modifying the physical structure or hydrological functioning of water bodies triggered by freshwater aquaculture, and activities aimed at drying out the land to facilitate aquaculture (e.g. development and operation of dams and reservoirs and other changes to the physical structure of water bodies or hydrological flow triggered by freshwater aquaculture).
PG19		Marine pollution from marine aquaculture (e.g. nutrient input from feeding, pollution due to use of veterinary products or fertilisers or increased concentrations of organic material). Includes pollution by litter.
PG20	dolce generatrice di inquinamento delle acque superficiali o	
PG21		Introduction and/or spread of allochthonous species or allochthonous genotypes and of genetically modified organisms in marine and freshwater aquaculture and other newly-introduced species that are naturally not found in this area. It also includes changes in interspecific relations between native wild species induced by aquaculture (e.g. changes in sexual behaviour of autochthonous population due to aquaculture, increased food supply for piscivorous or native freshwater species, and an increase of piscivorous freshwater fish due to aquaculture practices that would exert added pressure on endangered amphibians).
PG22	Abbandono dell'acquacoltura	Abandonment of freshwater or marine aquaculture, e.g. harming aquatic species by lost and discarded gillnets and trammel nets, or leading to hypersaline, acid and eroded soils.
PG23	Altre attività relative all'acquacoltura e prelievo o coltivazione di risorse biologiche viventi	Other activities related to aquaculture as well as the extraction and cultivation of biological living resources not referred to above.
РН	Attività militari, misure di sicurezza pubblica e altri interventi umani	
PH01	Esercitazioni, operazioni e infrastrutture militari, paramilitari e di polizia in ambiente terrestre e d'acqua dolce	Military, paramilitary or police infrastructure, exercises and operations on land and in relation to freshwater ecosystems (excluding military bases in urbanised areas). Includes, for example, munitions testing, restricted access to military training areas, military manoeuvres).
PH02	Esercitazioni, operazioni e infrastrutture militari, paramilitari e di polizia in ambiente marino	Military, paramilitary or police infrastructure, exercises and operations marine environment (e.g. collisions with vessels, disturbance by sonar from military vessels).
PH03	Abbandono di infrastrutture militari o simili in ambiente terrestre (perdita di habitat aperti)	Abandonment of terrestrial military or similar exercises (e.g. natural successions on open habitats due to cessation of military activities). This can, for instance, be relevant for maintenance of

		some pioneer habitats, such as open habitats on inland sand dunes.
PH04	Vandalismo o incendi dolosi	Vandalism or arson, including for example larger scale wildfires initiated by arson, or illegal dumping.
PH05	Interventi sugli alberi, taglio/rimozione di alberature e vegetazione ai bordi delle strade per motivi di sicurezza pubblica	Tree surgery, felling or removal of roadside trees and vegetation on the grounds of public safety (including interventions classified as public safety issue).
PH06	Chiusura o restrizioni nell'accesso a siti/habitat	Closure or restricted access to sites, like fencing of open sites, closure of caves, natural galleries and other types of restricted access to a habitat or site related to protection of private property and human safety.
PH07	Attività intrusive o distruttive di ricerca e monitoraggio	Applied (intrusive) destructive research. Includes for example collection of animals/plants for scientific purposes.
PH08	Altri tipi di disturbo e intrusione umani	Other human intrusions and disturbance not mentioned above.
PI	Specie aliene e problematiche	
PI01	Specie esotiche invasive di rilevanza unionale	Problems related to invasive alien species of Union concern (under Regulation (EU) No 1143/2014) (e.g. clogging of aquatic habitats by Eichhornia crassipes,predation of adults and chicks/eggs by Myocastor coypus, Nyctereutes procyonoides and Procyon lotor, browsing of understorey habitats by Muntiacus reevesi, competition for food with Procambarus clarkii,hybridisation with Oxyura jamaicensis).
PIO2	Altre specie esotiche invasive (non di rilevanza unionale)	Problems related to other 'invasive' alien species (any species introduced in modern period that is established in the wild outside its natural range and whose introduction and/or spread represent a threat or a potential threat to habitats and species, regardless of the invasive population dynamics) other than invasive alien species of Union concern (under Regulation (EU) No 1143/2014), for which code I01 should be used) (e.g. predation of adults and chicks/eggs by Genetta genetta, Neovison vison, Rattus norvegicus and R. rattus, loss of (native) prey species owing to competition with Crassostrea gigas, decline in the quality of native vegetation owing to spread of invasive plant species (e.g. Amorpha fruticosa and Hedychium gardnerianum), overgrowing of alluvial and lowland humid habitats with invasive plants (e.g. Solidago gigantea, S. canadensis, Aster lanceolatus, A. novi-belgii, Fallopia japonica, F. sachaliensis and Impatiens glandulifera)).
PI03	Specie autoctone problematiche	Harmful plants, animals, that are originally found within the ecosystem(s) in question, but have become out-of-balance directly or indirectly due to human activities. It includes, for example, problems with feral native animals (e.g. cats, dog); overabundant algae due to loss of native grazing fish; predation of adults, fledglings and chicks/eggs by Mus musculus, native Mustela spp., Sus scrofa, Vulpes vulpes and domestic/feral Felis catus; interbreeding with feral Columba livia. This pressure should be used if problems with native species cannot be associated with other more specific drivers/pressures (e.g. when problems with native species can be associated with multiple human activities or more precise activities are unknown).
PI04	Malattie degli animali e dei vegetali, patogeni e parassiti	Problems related to plant and animal diseases, pathogens and pests (including insect and nematode pests) like plague affecting rodents or diseases such as those caused by Clostridium botulinum (avian botulism) and Trichomonas gallinae (trichomoniasis).
PJ	Cambiamento climatico	
PJ01	Cambiamenti nelle temperature e	Periods in which temperatures exceed or go below the normal

	temperature estreme dovute al cambiamento climatico	range of variation. Includes, for example, heat waves, cold spells, oceanic temperature changes, disappearance of glaciers/sea ice.
PJ02	Disgelo del permafrost a causa del cambiamento climatico	Melting permafrost from the tundra or mountain areas turns areas into muddy landscapes, causing the local flora to disappear and the wildlife that feeds on it to starve. When the permafrost beneath water bodies, such as lakes, melts, the water might seep into the ground and disappear.
PJ03	Modifiche nei regimi pluviometrici dovute al cambiamento climatico	Periods in which rainfall falls below or above the normal range of variation. Includes, for example, severe lack of rain, loss of surface water sources, but also increased quantity and intensity of rain.
PJ04	Innalzamento del livello del mare dovuto al cambiamento climatico	Impacts of climate change-related sea level rise include permanent flooding (inundation) of low-lying areas, and increased frequency, extent and depth of tidal inundation. Sea level rise will also cause most sandy beaches to recede (where beaches will move further inland) and erode.
PJ05	Intrusione del cuneo salino	Under climate change conditions, sea-level rise, extreme weather events, coastal erosion, changing precipitation patterns, warmer temperatures, and the potential for increased freshwater demand will increase the risks of saltwater intrusion into terrestrial (incl. freshwater) ecosystems.
PJ06	Modifiche nelle esposizione alle onde dovute al cambiamento climatico	Climate change leads to regionally specific increases or decreases in wave heights that might impact survival, growth, and reproduction of species (e.g. seaweed) and habitats that depend on specific wave conditions or are threatened by increased wave energy.
PJ07	Cicloni, tempeste, tornado dovuti al cambiamento climatico	Climate change leads to a growing intensity and frequency of severe weather events.
PJ08	Degrado del suolo ed erosione dovuti al cambiamento climatico	Climate change is predicted to lead to a more intense hydrological cycle that could increase global water erosion.
PJ09	Frane, subsidenza e soliflusso dovuti al cambiamento climatico	Climate change affects the stability of natural and engineered slopes and has consequences for the frequency and magnitude of landslides. Changing soil conditions (e.g. through changing water availabilities and temperatures) further increase the probability of subsidence and events.
PJ10	Cambiamenti nella localizzazione, dimensione e /o qualità degli habitat dovuti al cambiamento climatico	1 2
PJ11	Desincronizzazione dei processi biologici/ecologici dovuta al cambiamento climatico	
PJ12	Declino o estinzione di specie in relazione tra loro (es. prede, predatori, parassiti, simbionti) dovuti al cambiamento climatico	Decline or extinction of related species (e.g. food source / prey, predator / parasite, symbiote, etc.) due to climate change.
PJ13		Change of species distribution (natural newcomers) due to climate change.
PJ14	Altri cambiamenti nelle condizioni abiotiche collegati al clima	Other climate related changes in abiotic conditions e.g. water flow changes (limnic, tidal and oceanic) due to climate change.
PK	Inquinamento da fonti miste	
PK01		Pollution should only be reported under this category when the key driver of the pollution is unclear or where pollution is related

	(dolci e interne)	to several causes. (e.g. river eutrophication can be related to several direct and indirect sources like sewage, agricultural and industrial discharges, diffuse pollution from agriculture, decreased retention of alluvial vegetation due to inadequate management). Where a key sectoral driver can be identified, pollution should be reported under the corresponding sectoral pollution category.
PK02	Fonti miste di inquinamento delle acque marine (marine e costiere)	Pollution should only be reported under this category when the key driver of the pollution is unclear or where pollution is related to several causes (e.g. marine pollution by hydrocarbons can be related to several sources, like industrial discharges, water and land based transport operation, pollution, transport and exploitation accidents). Where a key sectoral driver can be identified, pollution should be reported under the corresponding sectoral pollution category.
PK03	Fonti miste di inquinamento dell'aria, inquinanti trasportati dall'aria	I
PK04	Deposizione di azoto atmosferico	This pressure is to be used when atmospheric nitrogen deposition is identified as the key contributing pressure but the source of which is either mixed or from too many sources to identify a main source. Nitrogen compounds can be either gaseous form or dry deposition (particulate matter) or precipitation (wet deposition). Sources can be natural (e.g. volcanic, oceanic, biological decay), biogenic (e.g. agricultural fertilisers) or industrial (e.g. fuel combustion, coal and power plants, settlements) and can be either point or diffuse sources. Where the main sourse can be identified, this should be reported under the relevant sector and not under mixed source pollution.
PK05	Fonti miste di inquinamento del suolo e rifiuti solidi (escluse le discariche)	Pollution should only be reported under this category when the key driver of the pollution is unclear or where pollution is related to several causes (excluding discharges). Where a key sectoral driver can be identified, pollution should be reported under the corresponding sectoral pollution category.
PK06	Fonti non chimiche miste di inquinamento	Pollution should only be reported under this category when the key driver of the pollution is unclear or where pollution is related to causes such as e.g. light, noise and temperature. Where a key sectoral driver can be identified, pollution should be reported under the corresponding sectoral pollution category.
PL	Modifiche nei regimi idrici indotte dall'uomo	
PL01	Prelievo di acque superficiali, sotterranee o miste	Abstractions from groundwater, surface water or mixed water should only be reported under this category when the key driver of the change is unclear or where these changes are related to several causes. Where a key sectoral driver(s) can be identified, the pressure/threat should be reported under the corresponding sectoral category.
PL02	Drenaggi	Drainage including landfill, land reclamation and drying out should only be reported under this category when the key driver of the change is unclear or where these changes are related to several causes. Where a key sectoral driver(s) can be identified, the pressure/threat should be reported under the corresponding sectoral category.
PL03	Vecchi sbarramenti o altre infrastrutture obsolete	Impacts from old barriers or other obsolete infrastructures should only be reported under this category when the key driver of the

		change is unclear or where these changes are related to several
		causes. Where a key sectoral driver(s) can be identified, the pressure/threat should be reported under the corresponding sectoral category.
PL04	Fase di sviluppo e fase operativa delle dighe	Development and operation of dams should only be reported under this category when the key driver of the change is unclear or where these changes are related to several causes. Where a key sectoral driver(s) can be identified, the pressure/threat should be reported under the corresponding sectoral category.
PL05	Modifiche del regime idrologico	Modification of hydrological flow should only be reported under this category when the key driver of the change is unclear or where these changes are related to several causes. Where a key sectoral driver can be identified, the pressure/threat should be reported under the corresponding sectoral category. Includes, for example, modification of flooding regimes or cutting of aquatic and bank vegetation to improve water flow.
PL06	Alterazione fisica dei corpi d'acqua	Physical alteration of water bodies should only be reported under this category when the key driver of the change is unclear or where these changes are related to several causes. Where a key sectoral driver(s) can be identified, the pressure/threat should be reported under the corresponding sectoral category. Includes, for example, removal of sediments, canalisation and water deviation.
PM	Eventi geologici, processi naturali e catastrofi	
PM01	Tempeste, cicloni	Storm, cyclone. Direct impact of storm or cyclone such as loss of clutches/broods of coastal-nesting species during storm surges, atsea mortality ('wrecks') of seabirds during winter storms, damage to nests during high winds, direct impacts of heavy rain.
PM02	Alluvioni	Natural flooding causing e.g. loss of nests of species nesting on the ground or in emergent vegetation along rivers, in marshes and low-lying areas such as floodplains; reduced access to food resources in these areas during prolonged flooding.
PM03	Fuoco (naturale)	Natural fires (e.g. natural forest fires).
PM04	Terremoti e attività vulcanica	Earthquake and volcanic activity causing loss of habitats and species abundance.
PM05	Valanghe, frane e collasso del terreno	Naturally occuring avalanches (snow, not related to avalanches triggered by human activities, such as off piste skiing) and collapses of terrain, or landslides.
PM06	Altre catastrofi naturali	Other natural catastrophes
PM07	Processi naturali senza influenza diretta o indiretta di attività umane o cambiamento climatico	Includes natural processes only, without direct or indirect influence from human activities or climate change. These might relate to abiotic natural processes (natural erosion in areas with naturally low vegetation cover), natural succession (e.g. primary succession related to natural siltation of lakes or succession after natural disturbances), the accumulation of organic material, eutrophication or acidification (e.g. natural eutrophication of lakes or natural eutrophication due to natural drying out of peatlands in areas with insufficient precipitation rate), reduced fecundity and/or genetic depression resulting from e.g. inbreeding or endogamy, interspecific relations, among other processes. Other processes resulting from human activities or the abandonment of human activities should be reported under the appropriate pressures, for example, silting up as a result of erosion due to wood transport should be coded as PB15 Wood transport, eutrophication due to the anthropogenic input of nitrogen should be reported under PA19, or eutrophication due to drainage of fens or peatlands under codes that capture drainage, for example PA21.

PX	Pressioni sconosciute, nessuna pressione o pressioni con origine esterna allo Stato Membro	
PX01	Pressioni e minacce con origine esterna alla UE	Threats and pressures from outside the EU territory (for the Article 17 reporting only).
PX02	Pressioni e minacce con origine esterna allo Stato Membro	Threats and pressures from outside the Member State (for the Article 17 reporting only).
PX03	Pressione o minaccia sconosciuta	Pressure is acting/threats is expacted to be acting, but not possible to clearly identify.
PX04	Nessuna pressione o minaccia	There are no proven pressures or threats.
PX05	Nessuna informazione sulla pressione o minaccia	No data on pressures or threats