

| Sustainable Cities and Communities | | | |
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| SDG 11 | | | |
| traffic emissions | historical building | urban land-use | carpool |
| urban heat island (uhi) | the urban traffic | road traffic injury | green spaces |
| municipal solid waste incineration | cultural heritage sites | road prediction | deprived neighbourhoods |
| traffic emission | sustainable urban development | urban greens | urban heat island intensity |
| urban green spaces | urban air mobility | ancient building | road pricing |
| urban canyon | smart city | flood hazard map | flood model |
| solid waste incineration | urban park | traffic assignment model | public open space |
| drought monitoring | probabilistic seismic hazard | municipal solid wastes | flood damage |
| street canyon | industrial solid waste | public parks | pervious surfaces |
| urban canopy | road traffic safety | urban green areas | rail transit |
| traffic-related air pollution | surface urban heat island | disaster loss | impervious surfaces |
| urban tree | traffic assignment | organic solid waste | gentrification |
| urban trees | historical masonry | urban climate | urban nature |
| intelligent transportation system (its) | flood mapping | short-term traffic | rail transit network |
| urban road network | urban microclimate | urban landscape | solid waste treatment |
| urban parks | urban forestry | urban greenspace | solid waste compost |
| urban soils | urban freight | rail transit system | greenspace |
| urban rail transit | walking and cycling | world heritage sites | urban ecosystem service |
| urban vegetation | intelligent transport system | urban regeneration | tsunami warning |
| disaster monitoring | seismic vulnerability assessment | sustainable urban planning | municipal solid waste compost |
| flood risk management | urban water management | deprived neighbourhood | traffic noise |
| street canyons | development of cities | solid waste generation | highway traffic |
| urban green space | urban pollution | community gardens | urban heritage |
| urban heat island effect | traffic pollution | municipal sewage sludge | earthquake scenario |
| road traffic injuries | natural heritage | urban governance | world heritage area |
| urban soil | architectural heritage | urban infrastructure | earthquake loss |
| traffic flow prediction | cultural heritage object | traffic signal control | urban road |
| urban flooding | public transport service | municipal landfill | traffic signals |
| flood risk assessment | informal settlements | urban rail | urban traffic flow |
| urban land cover | metro system | residential mobility | real road network |
| traffic injuries | urban drainage | municipal solid waste (msw) | post-disaster reconstruction |
| urban canyons | mix management | compact city | world heritage list |
| intelligent transportation systems (its) | wastewater effluent | urban wastewater treatment plant | transit-oriented development (tod) |
| urban forests | urban thermal environment | urban traffic congestion | historical center |
| geological disaster | urban sewage | disaster prevention | road networks |
| geological disasters | urban land use | intelligent transport system (its) | urban intersections |
| urban air quality | historical heritage | transport policies | affordable housing |
| urban wastewater | urban forest | highway capacity | city traffic |
| heritage building | earthquake emergency | flood modeling | heritage institution |
| post-earthquake | community garden | public transportation systems | heritage institutions |
| drought monitor | smart city application | drought disaster | urban expansion |
| flood risks | urban environmental | seismic hazard map | ground motion prediction equation |
| seismic risk assessment | world heritage site | public transit | sustainable development of cities |
| seismic hazard analysis | heritage preservation | urban road traffic | municipal solid waste (msw) landfill |
| traffic injury | geological heritage | signalized intersection | housing tenure |
| traffic safety | informal settlement | highway capacity manual | municipal waste management |
| urban heat islands | urban traffic network | urban waste | earthquake disaster |
| pedestrian safety | urban green infrastructure | urban storm | impervious surface |
| organic fraction of municipal solid waste | cultural heritage objects | homeownership | earthquake hazards |
| intelligent transportation systems | urban drainage systems | pluvial flood | urban freight transport |
| dynamic traffic assignment | disaster risk management | street lighting | earthquake-resistant |
| heritage buildings | transit-oriented development | smart city concept | housing first |
| probabilistic seismic hazard analysis | seismic fragility analysis | archaeological heritage | municipal solid waste |
| municipal wastewater treatment plants | public transport system | municipal solid waste incineration fly ash | historical centre |
| cultural heritage site | heritage management | public transport systems | green areas |
| disaster prevention and mitigation | flood management | public transport services | urban solid waste |
| municipal solid waste management | ofmsw | transit agencies | urban transport system |
| intelligent transport systems | transit-oriented | urban public space | heritage list |
| short-term traffic flow | congestion pricing | urban policies | pervious surface |
| historical buildings | urban air pollution | urban pm | urban planning and management |
| municipal solid waste incinerator | urban public transport | ground motion prediction | water effluents |
| disaster mitigation | urban street canyon | sustainable urban mobility | cultural heritage conservation |
| earthquake early warning | urban road networks | short-term traffic flow prediction | travel time saving |
| urban roads | city logistic | archaeological artefact | urban runoff |
| urban ecosystems | urban landscapes | organic fraction of municipal solid waste (ofmsw) | low-income housing |
| road traffic noise | urban green area | heat island intensity | msw fly ash |
| urban flood | uhi intensity | residential segregation | housing development |
| municipal solid waste incineration (msw) | flood modelling | urban surface | smart city development |
| urban heat island (uhi) effect | neighborhood poverty | urban mobility | municipal land |
| geoheritage | this smart city | urban canopy model | urban infrastructures |
| bus rapid transit | traffic flow forecasting | road network data | urban transportation system |
| urban greening | meteorological disaster | earthquake engineering | flood risk map |
| municipal wastewater treatment plant | traffic flow forecast | carpooling | heritage area |
| unesco world heritage | public transport use | treated municipal wastewater | housing supply |
| solid waste incinerator | historic buildings | traffic fatalities | urban transportation |
| heat islands | heritage tourism | public park | urban developments |
| built heritage | urban transformation | urban green | municipal solid waste (msw) management |
| wastewater effluents | bus rapid transit (brt) | neighborhood deprivation | heritage site |
| flood mitigation | smart cities | use of public transport | municipal sewage |
| geological hazard | public transport network | transport policy | probabilistic seismic hazard analysis (psa) |
| intelligent transport systems (its) | signalized intersections | flood map | cultural heritage preservation |
| municipal solid waste landfill | urban mobility | ancient buildings | urban ecosystem services |
| geological hazards | social housing | historical city | urban form |
| heritage conservation | carsharing | urban air mobility (uam) | simulation of urban mobility |
| public transportation system | smart city applications | heritage object | public transit system |
| urban ecosystem | waste collection | disaster reconstruction | urban heat |
| uhi effect | municipal wastewater treatment | meteorological disasters | housing developments |
| heat island effect | heritage sites | ground-motion prediction | municipal solid waste landfills |
| urban wastewater treatment | disaster prevention | disaster risk assessment | anthropogenic heat |
| urban drainage system | earthquake damage | urban heat island | urban transformations |
| seismic damage | earthquake hazard | urban forms | shrinking cities |
| city logistics | urban planning | urban rail transit system | intelligent transportation systems |
| performance-based earthquake engineering | urban intersection | archaeological artefacts | cultural heritage management |
| solid waste landfill | housing affordability | heritage objects | housing policies |
| urban stormwater | historic building | solid waste landfills | waste incineration fly ash |
| unesco world heritage site | urban water supply | urban floods | seismic hazard maps |
| urban sustainability | urban expressway | solid waste management system | island effect |

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| SDG 11 | | | |
| incineration fly ash | urban water cycle | urban transit | flood-risk |
| urban morphology | road traffic congestion | archaeological artifact | flood-prone areas |
| urban catchment | heat island effects | ground-motion prediction equations | flood-prone area |
| sport policies | seismic vulnerability | smart city construction | municipal solid waste incineration bottom ash |
| smart city environment | seismic fragility | hazardous solid waste | agility analysis |
| housing markets | waste compost | urban transport | real municipal wastewater |
| urban renewal | housing program | transit service | subsidized housing |
| public transport user | signalized | traffic safety and efficiency | impervious area |
| metro systems | urban transportation network | solid waste management (swm) | geoconservation |
| creative city | deprived neighborhood | road traffic emission | uhii |
| urban planning process | world cultural heritage | mega-city | smart city initiatives |
| public housing | gmpe | sport policy | natural heritage site |
| urban policy | scenario earthquake | spectral acceleration | community gardening |
| urban gardens | urban sustainable development | green infrastructure (gi) | household solid waste |
| historic city | intelligent transportation systems (its) | flood resilience | waste landfills |
| ground-motion prediction equation | bus stop | mswi | urban pm2.5 |
| urban planning and design | urban background | sendai framework for disaster risk reduction | sustainable cities |
| urban garden | urban temperature | urban emission | ridership |
| travel time savings | urbanization and climate change | highway traffic safety | safety road |
| housing policy | urban particulate matter | flood hazards | arterial road |
| congestion traffic | seismic capacity | public transportation | road traffic emissions |
| msw landfill | earthquake scenarios | low impact development | supportive housing |
| sustainable urbanization | public transportation service | transit access | flood extent |
| ground-motion | flood inundation | green time | signal timing |
| urban bus | flood hazard maps | seismic loss | peak ground velocity |
| urban stormwater runoff | urban public spaces | urban built-up | seismic risk |
| urban traffic | sustainable urban transport | bicycle infrastructure | urban land surface |
| intelligent traffic | urban stream | urban flood risk | traffic noise exposure |
| municipal sludge | sponge city | archaeological artifacts | national highway traffic safety administration |
| treatment of municipal wastewater | urban traffic control | sustainable urban drainage system | hazus |
| urban waters | pluvial flooding | transport users | metropolitan planning |
| local climate zone | urban land expansion | dynamic traffic assignment (dta) | urban regeneration project |
| earthquake early warning system | urban stormwater management | traffic signal timing | beijing urban |
| world heritage | urban landscape | green city | urban density |
| urban watershed | urban densification | green space | peri-urban land |
| traffic flow data | disaster losses | surface urban heat island (suhi) | housing intervention |
| solid waste management | traffic-related | urban ecology | rapid urbanization |
| sendai framework | urban rivers | seismic hazard assessment | heritage value |
| the housing market | mega-cities | transit station | flood risk mitigation |
| city parks | sustainable urban | flood damages | urban management |
| flood risk | flood disasters | transit accessibility | municipal wastes |
| residential satisfaction | urban rail transit network | earthquake early warning (eew) | waste landfill |
| sustainable city | housing need | public transport networks | cooperative intelligent transport system |
| heat island | flood vulnerability | water sensitive urban design | impact of urbanization |
| urban railway | urban commuting | post-earthquake damage | urban metabolism |
| land use and transport | traffic assignment problem | new urbanism | flood depth |
| tsunami early warning | rail transit systems | urban surfaces | developing cities |
| transit network | urban planners | municipal wastewater | urban conservation |
| public transportation network | urban informal settlement | urban water system | earthquake catalog |
| natural disaster risk | greenspaces | signalize | seismic hazard analysis |
| urban air | industrial solid wastes | short-term traffic flow forecasting | flood-prone |
| rail transit station | urban plans | cultural heritage building | intelligent traffic system |
| light rail transit | housing residents | deprived neighborhoods | urban open spaces |
| bus stops | housing needs | urban wastewater treatment plants | urban fabric |
| earthquake risk | peak ground acceleration (pga) | transit use | housing market |
| street lighting system | urban traffic system | formal housing | urban development process |
| national heritage | impervious surface area | urban street | flood impact |
| municipal solid waste incinerator (mswi) | urban Waterloo | geosite | solid waste material |
| municipal wastewater effluent | real-time traffic flow | urban traffic networks | public transit service |
| water effluent | urban open space | traffic safety | public transit network |
| treated wastewater effluent | public open spaces | street tree | seismic risk mitigation |
| gmpe | urban streams | participatory gis | urban development projects |
| urban development plan | smart city services | rapid urban development | incineration bottom ash |
| impacts of urbanization | cultural heritage institutions | solid wastes | traffic signal control system |
| urban traffic management | urban waterlogging | amway | microzonation |
| envi-met | urban watersheds | swmm | regeneration project |
| flood risk analysis | public green | world natural heritage | street trees |
| traffic congestions | short-term traffic flow forecast | signal priority | public housing residents |
| solid waste recycling | green area | heat island mitigation | cultural heritage material |
| smart city service | urban river | traffic safe | road network density |
| flood loss | municipal wastewaters | road safety | senior housing |
| urban catchments | housing provision | earthquake disasters | spectral accelerations |
| tramway | heritage collection | municipal solid waste (msw) landfills | user equilibrium |
| green infrastructure | mega cities | informal housing | urban arterial |
| public transport users | access to housing | municipal sewage treatment plant | signal control system |
| municipal wwp | urban street canyons | mega city | urban greenery |
| intersection traffic | urban development project | fragility analysis | smart city system |
| ad networks | city applications | disaster prevention and control | urban water resource |
| transit line | smart card data | heritage collections | dynamic traffic assignment model |
| urban ai | typhoon disaster | smart-city | heat island phenomenon |
| ground motion prediction equations | municipal solid waste incineration (mswi) fly ash | hazard maps | bt system |
| smart city project | urban heat island effects | geosites | utilization of solid waste |
| public transport vehicles | traffic signal | smart city projects | solid waste disposal |
| solid waste collection | urban public transportation | housing programs | storm water management model |
| flood hazard | urban lands | public green space | urban built-up area |
| polluted cities | urban land uses | local climate zones | urban planning practice |
| heritage education | urban planner | cycle infrastructure | road traffic injuries (rtis) |
| earthquake prediction | urban sprawl | perious area | private vehicle |
| sustainable urban drainage | municipal solid waste incinerators | urban scale | waste incineration bottom ash |
| urban resilience | earthquake resistant | transit stations | the wenchuan earthquake |
| neighbourhood deprivation | smart city initiative | intelligent transportation system | urban redevelopment |
| urban disaster | flood disaster | urban function | mswm |
| public transport (pt) | traffic noise level | road congestion | municipal solid wastes (msw) |
| urban biodiversity | rental housing | street light | coastal urban |
| flood risk reduction | msw incineration | housing association | cycling infrastructure |
| disaster prevention and reduction | seismic hazard model | building damage | seismic risk analysis |
| municipal sewage treatment | unesco world heritage list | effects of urbanization | urban hydrology |

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| SDG 11 | | | |
| urban informal settlements | municipal biosolids | earthquake-induced landslide | bus service |
| light rail transit (lrt) | urban freeway | urban planning strategies | built-up index |
| megacity | waste collection system | transport planning | earthquake damages |
| private cars | earthquake damage assessment | municipal solid waste generation | housing shortage |
| urban station | urban emissions | urban transport systems | vs30 |
| simulation of urban mobility (sumo) | bus routes | c-its | traffic light control |
| artistic heritage | fragility function | urbanizing | sustainable mobility |
| transport use | local public transport | urban planning policies | road network model |
| sustainable urban drainage systems | city planners | 2008 wenchuan earthquake | bus travel |
| fragility curves | ppgis | storm water management | organic solid wastes |
| cultural and natural heritage | right to the city | traffic safety management | agricultural drought monitoring |
| bus rapid transit system | urban buses | earthquake reconstruction | stormwater management |
| peak ground acceleration | traffic and transportation | public participation gis | historical masonry structure |
| new landfills | historic cities | management of solid waste | urbanization gradient |
| disaster system | urban planning and development | historical cities | earthquake catalogue |
| traffic efficiency | heritage sector | public transport modes | municipal wwtps |
| private vehicles | transit services | transit operation | cooperative intelligent transport systems |
| public garden | land urbanization | earthquake intensity | racial residential segregation |
| adaptive traffic signal | microscopic traffic simulation | urban construction | urban flood model |
| ground shaking | urban renewal project | cultural heritage materials | urban design and planning |
| municipal waste incinerator | urban highway | urban warming | urban streets |
| urban heat island mitigation | signalised intersection | urban landscape pattern | new urban development |
| road intersection | seismic vulnerability analysis | flood hazard mapping | road intersections |
| transit ridership | regeneration projects | earthquake fire | urban sites |
| flood susceptibility | fragility curve | urban sewage treatment | geotourism |
| megacities | tsunami early warning system | green infrastructures | municipal waste incineration |
| land use and transportation | housing prices | wenchuan earthquake | road safety measure |
| creative cities | uh1 mitigation | earthquake-resistant design | arterial roads |
| seismic landslide | urban forest management | floating car data | development of city |
| seismic damage assessment | green waste compost | heritage asset | ground motion intensity |
| municipal water supply | fare collection | cultural heritage tourism | municipal waste landfill |
| snow disaster | urban land use change | transit systems | green space planning |
| highway capacity manual (hcm) | city park | green roofs | solid waste management systems |
| transit signal priority | vehicle delay | natural disaster management | rush hours |
| urban rail transit (urt) | municipal landfill leachate | uniform hazard | heritage city |
| urban wastewaters | flood losses | building density | urban green space (ugs) |
| rapid urbanisation | road segments | urban drainage model | floating car |
| tropical urban | bus lane | urban structure | metropolitan governance |
| seismic intensity | regional seismic hazard | road network extraction | urban water resources |
| cycle lane | disaster reduction | urban environmental quality | air mobility |
| municipal solid waste management system | microscopic traffic | cool island | urban passenger |
| urban tree species | traffic-related air pollutant | urban climate change | moment magnitude |
| rail transit stations | parks and gardens | cultural heritage tourism | urban water quality |
| bus route | public transit systems | transit systems | earthquake interaction |
| road-network | resilient cities | green roofs | public transportation services |
| transit networks | urban mobility plan | natural disaster management | housing price |
| community housing | municipal solid waste management (mswm) | uniform hazard | cycle lanes |
| low impact development (lid) | outdoor thermal comfort | building density | earthquake ground motions |
| coastal flood risk | secondary wastewater effluent | urban drainage model | performance-based earthquake engineering (pbee) |
| heritage values | urban greenspaces | urban structure | urban core |
| cultural heritage buildings | fragility functions | road network extraction | urban project |
| urbanization process | urban water systems | urban environmental quality | city planner |
| urban water supply system | traffic state | cool island | global urban |
| compact cities | urban water | urban climate change | earthquake-induced |
| historical earthquake | recycling solid waste | earthquake magnitude | post-earthquake fire |
| intelligent transportation | housing associations | pm2.5 pollution | urban art |
| seismic damages | inundation model | city construction | seismic hazard and risk |
| urban transportation systems | road network structure | architecture and urban planning | smart mobility |
| probabilistic seismic hazard assessment | central urban area | ground-motion model | urbanization effect |