

N°	Titres	Responsables	Coordonnées	Partenaires
2019-01	Impact du fond sur la propagation d'un front d'onde	Adrien POUPARDIN	Tel : 01 49 08 24 47 Mail : apoupardin@estp-paris.eu	CEA
2019-02	Seismically induced dam sliding	Pierre LABBE	Tel : 01 49 08 53 24 Mail : pierre.labbe@estp.fr	EDF
2019-03	Seismically induced liquefaction; case studies	Pierre LABBE	Tel : 01 49 08 53 24 Mail : pierre.labbe@estp.fr	Tractebel
2019-04	Transferred spectrum through a nonlinear Damp by using the equivalent linearization	Pierre LABBE	Tel : 01 49 08 53 24 Mail : pierre.labbe@estp.fr	GDS
2019-06	Methode for taking into account the fondation uplift of nuclear reaction buildings in the seismic senario	Pierre LABBE	Tel : 01 49 08 53 24 Mail : pierre.labbe@estp.fr	GDS
2019-07	Consideration of the urban resilience during flooding events taking into account the global warming : numerical approach	Adrien POUPARDIN	Tel : 01 49 08 24 47 Mail : apoupardin@estp-paris.eu	BRGM et CRISILAB
2019-08	Pressure field estimation induced by the wave/dike interaction	Adrien POUPARDIN	Tel : 01 49 08 24 47 Mail : apoupardin@estp-paris.eu	CÉREMA
2019-09	Analysis of the co-presence between road and distribution networks from the construction of a spatial dataset	Patricia BORDIN	Tel : 01 49 08 03 20 Mail : apavard@estp-paris.eu	Géospective
2019-10	French national project MOVEDVDC: assessment of the physicochemical and rheological properties of laboratory aged bituminous binders and binders extracted from asphalt pavements	Anne DONY	Tel : 01 49 08 03 37 Mail : adony@estp-paris.eu	Consortium ANR (Total, Malet, IFSTTAR, Eurovia...)
2019-11	Study of the wettability of bitumen emulsions on new and recycled granular matter	Layella ZIYANI	Tel : 01 49 08 07 97 Mail : lziyani@estp-paris.eu	Laboratoire Navier ou Colas
2019-12	Physicochemical and rheological characterization and evolution with time of bituminous binders extracted from recycled pavements and roofing products - Use of numerical model for predicting the mechanical behaviour of the final mixture containing recycled matter	Anne Dony	Tel : 01 49 08 03 37 Mail : adony@estp-paris.eu	ETS (Montréal)
2019-13	Conception of an "intelligent" numerical model for roads	Layella Ziyani	Tel : 01 49 08 07 97 Mail : lziyani@estp-paris.eu	VECTRA
2019-14	Geopolymers obtained by mechanosynthesis	Rabah HAMZAoui	Tel : 01 49 08 03 34 Mail : rhamzaoui@estp-paris.eu	
2019-15	Lean Construction - Integration of the 5S method in the IRC laboratory of ESTP.	Margareta WALFERDEIN	Tel : 01 49 08 56 51 Mail : mwalferdein@estp-paris.eu	IRC
2019-16	Bridge pier erosion in cohesive soils	Adrien POUPARDIN	Tel : 01 49 08 24 47 Mail : apoupardin@estp-paris.eu	Univ. Le Havre (LOMC)
2019-17	Soil heterogenety impact on internal erosion - experimental investigation	Abdelkrim BENNABI	Tel : 01 49 08 24 09 Mail : abennabi@estp-paris.eu	INP-HB
2019-18	Soil heterogenety impacton internal erosion - numerical investigation using DEM method	Rodaina Aboul Hosn		INP-HB
2019-19	soil treatment using geopolymerisation technic	Rabah HAMZAoui	Tel : 01 49 08 03 34 Mail : rhamzaoui@estp-paris.eu	
2019-20	Development of cementitious materials printable by additive manufacturing: Characterization of their mechanical performance.	Johan COLIN	Tel : 01 49 08 03 23 Mail : jcolin@estp-paris.eu	EFB
2019-21	Development of printable cementitious materials by additive manufacturing. Rheological behavior and influence of external parameters.	Johan COLIN	Tel : 01 49 08 03 23 Mail : jcolin@estp-paris.eu	EFB
2019-22	Experimental characterization of the environmental properties of recycled aggregates: Study of their leaching behavior.	Johan COLIN	Tel : 01 49 08 03 23 Mail : jcolin@estp-paris.eu	EFB
2019-23	A decision support methodology based on constructibility for sustainable buildings	Andrea KINIDNIS	Tel : 01 49 08 03 36 Mail : akindinis@estp-paris.eu	Politecnico di Torino
2019-24	A BIM-based assessment method for buildings in early-design stage	Andrea KINIDNIS	Tel : 01 49 08 03 36 Mail : akindinis@estp-paris.eu	Univ. Firenze
2019-25	IAQ commissioning in building design and construction	Andrea KINIDNIS	Tel : 01 49 08 03 36 Mail : akindinis@estp-paris.eu	LHIRR
2019-26	Definition of a new eperimental room for envelope components characterisation and indoor conditions assessment	Andrea KINIDNIS	Tel : 01 49 08 03 36 Mail : akindinis@estp-paris.eu	Politecnico di Milano
2019-27	Developing a 3D urban geospatial model	Rani EL MEOUCHE	Tel : 01 49 08 07 96 Mail : rani.elmeouche@estp.fr Mail : meslahi@estp-paris.eu	IRC
2019-28	Surface erosion characterization by using an EFA erodimeter	Adrien POUPARDIN	Tel : 01 49 08 24 47 Mail : apoupardin@estp-paris.eu	IRSTEA
2019-29	Molecular simulation of CO2 carbonation of concrete : CO2 absopction in calcium silicate hydrate gel (C-S-H)	Jena JEONG	Tel : 01 49 08 23 03 Mail : jjeong@estp-paris.eu	CNRS
2019-30	Analytical and experimentale investigation of recycled concrete carbonation modeling	Jena JEONG	Tel : 01 49 08 23 03 Mail : jjeong@estp-paris.eu	PN 'Fastcarb'
2019-31	Traceability system for concrete	Benitha VASSEUR	Tel : 03 25 78 55 03 Mail : bvasseur@estp-paris.eu	VICAT
2019-32	Modeling and Simulation of Smart Grid demonstrator with bi-directional charging or V2G (vehicle-to-grid)	Bilal AMGHAR	Tel : 0149 08 56 46 Mail : bamghar@estp-paris.eu	
2019-33	Empirical modeling of recyled concrete aggregates submitted to carbonation of multi-gas component	Jena JEONG	Tel : 01 49 08 23 03 Mail : jjeong@estp-paris.eu	PN 'Fastcarb'
2019-34	Experimentale investigation of precast concrete wall panels : conception and manufacturing	Jena JEONG	Tel : 01 49 08 23 03 Mail : jjeong@estp-paris.eu	WESER