**RESEARCH PROPOSAL**

**for admission to XXXVIII Cycle of Politecnico di Bari**

**PhD Programme in**

**RISK, ENVIRONMENTAL, TERRITORIAL AND BUILDING DEVELOPMENT**

**(ATTACHMENT C)**

**ATTENTION:** Candidates who intend to propose a research project based on the topics set out in Ministerial Decrees 351/2022 and 352/2022 **must prepare a proposal in line with one or more of the topics listed below.**

**ONLY FOR CANDIDATES WHO INTEND TO PROPOSE A RESEARCH PROJECT BASED ON THE TOPICS SET OUT IN MINISTERIAL DECREES 351/2022 AND 352/2022 🡪** *The list below contains the details of each grant financed according to Ministerial Decrees 351/2022 and 352/2022, its area and its topic for the PhD Programme.*

**Grants funded according to M.D. 351/2022**:

GRANT N.1 - **Area**: Public Administration; Topic: “Innovative digitalized decision-making support models for shared and inclusive spatial planning for fragile and vulnerable groups and individuals”;

GRANT N. 2 - **Area:** Public Administration; Topic: “Digital hub for the understanding, enhancement and protection of monumental architectural heritage

GRANT N.3 - **Area:** Public Administration; **Topic: “***SMARTSEAS - Sustainable Materials by Recycling and Treating Sediments, Shells And Seagrass*”;

GRANT N. 4 - **Area:** NRRP; **Topic: “***Hydrodynamic study of turbines for the production of energy from marine currents (IDROTURB)*”;

GRANT N. 5 - **Area:** NRRP; **Topic: “***Innovative and high-efficiency luminophore materials for luminescent solar concentrators*”.

**Grants funded according to M.D. 352/2022**:

GRANT N. 6 - **Co-funded by**: Print Bag s.r.l.; **Topic: “***Influence of bio-plastics on the performance of organic treatment plants for solid urban waste”*;

GRANT N. 7 - **Co-funded by**: Studio Professionale - Architetto Mauro Sàito; **Topic: “***Map of High-Performance Facades for carbon neutral buildings”*;

GRANT N. 8 - **Co-funded by**: V.F. CAVE s.r.l.; **Topic: “***Recovery and ecological, environmental and territorial regeneration of underground quarries in Cutrofiano: transition from extraction activity to a circular model of production and consumption based on agricultural, social and environmental sustainability”*.

Inizio modulo

**PhD Programme**

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| **PhD Programme in RISK, ENVIRONMENTAL, TERRITORIAL AND BUILDING DEVELOPMENT (XXXVIII Cycle) – Politecnico di Bari** |

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| 1. **PHD RESEARCH PROPOSAL** (TITLE): | |
| 1. **PhD Research Proposal Description:**   **Provide a description of the phd research proposal, its subject and its topic. Please, specify the goal(s) to be developed during the PhD programme and indicate the scientific basis of the proposal, its research objective, and methodologies to adopt.**  **ATTENTION:** Candidates who intend to propose a research project based on the topics set out in Ministerial Decrees 351/2022 and 352/2022 must prepare a proposal in line with one or more of the topics listed below. | (MAX 9.000 characters): |
| **B. BIBLIOGRAPHY** |  |
| **C. SURNAME and NAME** |  |