

# Abbreviations

<b>Abbreviation</b>	<b>Description</b>
BDS	Binary Disc Sensing
BLE	Bluetooth Low Energy
CaC	Coverage and Connectivity
CCP	Coverage and Connectivity configuration Protocol
CIC	Confident Information Coverage
CSD	Critical Sensor Density
DBCCR	Demand-Based Coverage and Connectivity-preserving Routing
DVOC	Distributed Voronoi-based Cooperation
FLS	Fuzzy Logic System
FoI	Field of Interest
IQT	Improve the Quality of Target Tracking
MAR	Maximum Allowable Response
MCC	Minimum Connected k-Coverage
MTS	Moving target Tracking System
MWVD	Multiplicatively Weighted Voronoi Diagram
NNB	Neighbor Number Based
ODP	Optimal Deployment Pattern
OGDC	Optimal Geographic Density Control
PoN	Position of sensor Nodes

PSC	Probabilistic Sensing Coverage
RES	Remaining Energy of the Sensor nodes
RPC	Reduce the Power Consumption
RRP	Route Reply Message
RRQ	Route Request Message
TTS	Target Tracking System
WSN	Wireless Sensor Network