

## LIST OF FIGURES

Figure 2.1	Layers in Wireless Mesh Network.....	5
Figure 2.2	A typical example of WMNs .....	6
Figure 2.3	infrastructure /Backbone WMN.....	6
Figure 2.4	Client WMN .....	9
Figure 2.5	Taxonomy of routing family for wireless multi-hop networks.....	11
Figure 2.6	Routing Protokol OLSR.....	12
Figure 2.7	Intra-flow interference .....	13
Figure 2.8	Inter-flow interference .....	14
Figure 2.9	Classification Routing Metric.....	16
Figure 2.10	Example Forwarding Probability Estimation.....	18
Figure 2.11	Directory Developement structure .....	20
Figure 3.1	Proposed Routing metric EFW modification.....	23
Figure 3.2	Random Topology WMN Network .....	24
Figure 3.3	The Process Flow Simulation Routing Metric.....	25
Figure 4.1	Random Topology network with 10 node .....	28
Figure 4.2	Random Topology network with 20 node .....	28
Figure 4.3	Random Topology network with 30 node .....	29
Figure 4.4	Average Throughput with data rate 5.5 Mbps .....	31
Figure 4.5	Average Throughput with data rate 11 Mbps .....	31
Figure 4.6	Average PDR with data rate 5.5 Mbps .....	33
Figure 4.7	Average PDR with data rate 11 Mbps .....	34
Figure 4.8	Average Packet Loss with data rate 5.5 Mbps.....	35
Figure 4.9	Average Packet Loss with data rate 11 Mbps.....	35
Figure 4.10	Average End to End Delay with data rate 5.5 Mbps.....	36
Figure 4.11	Average End to End Delay with data rate 11 Mbps.....	36