

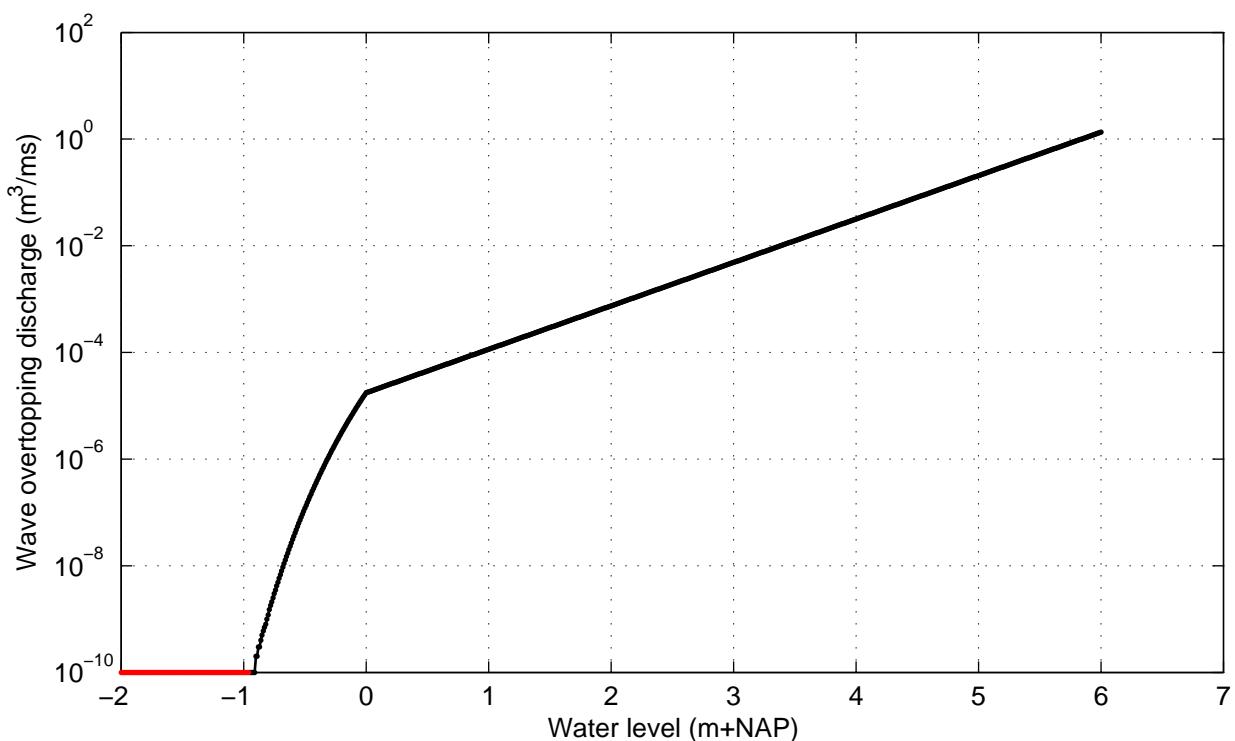
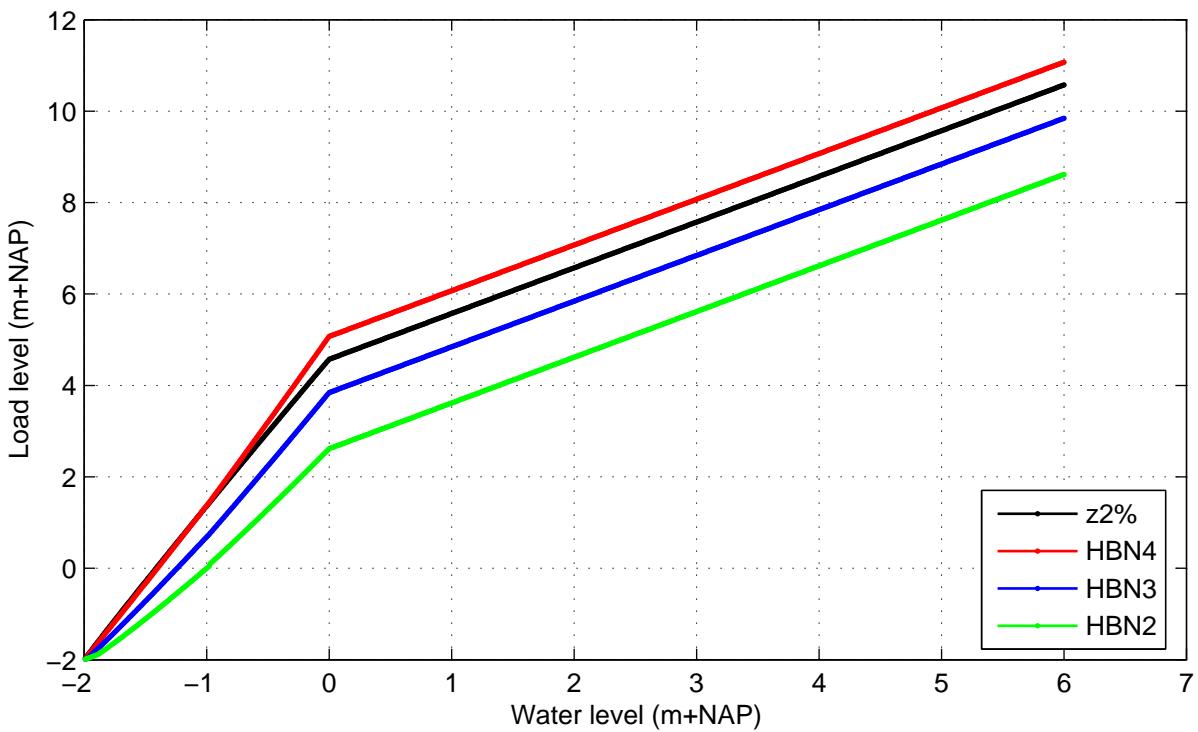
Cross section nr 1; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.1



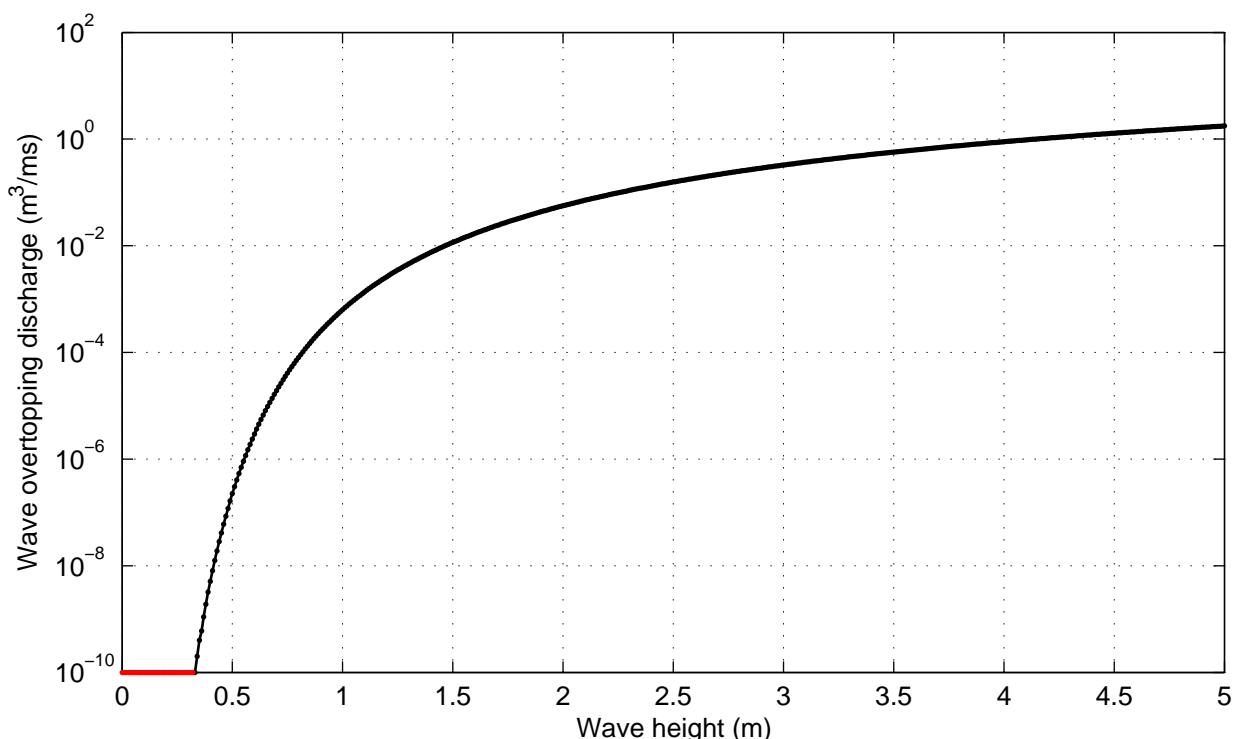
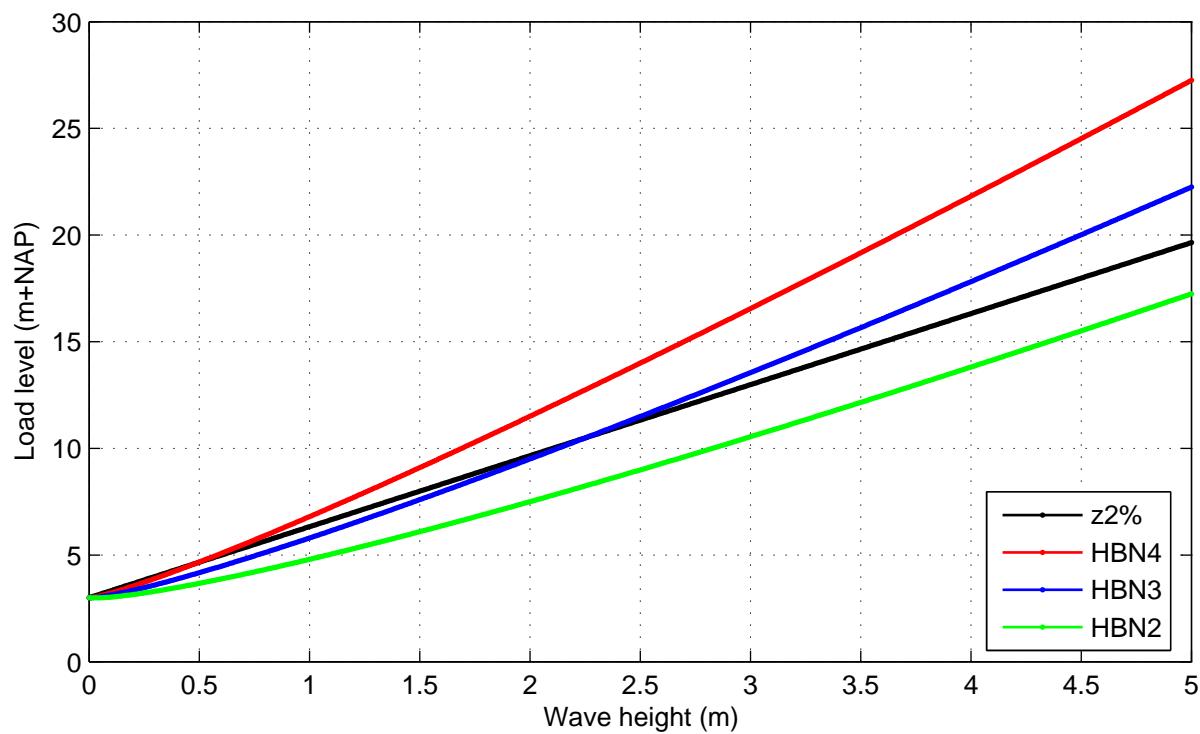
Cross section nr 1; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.2



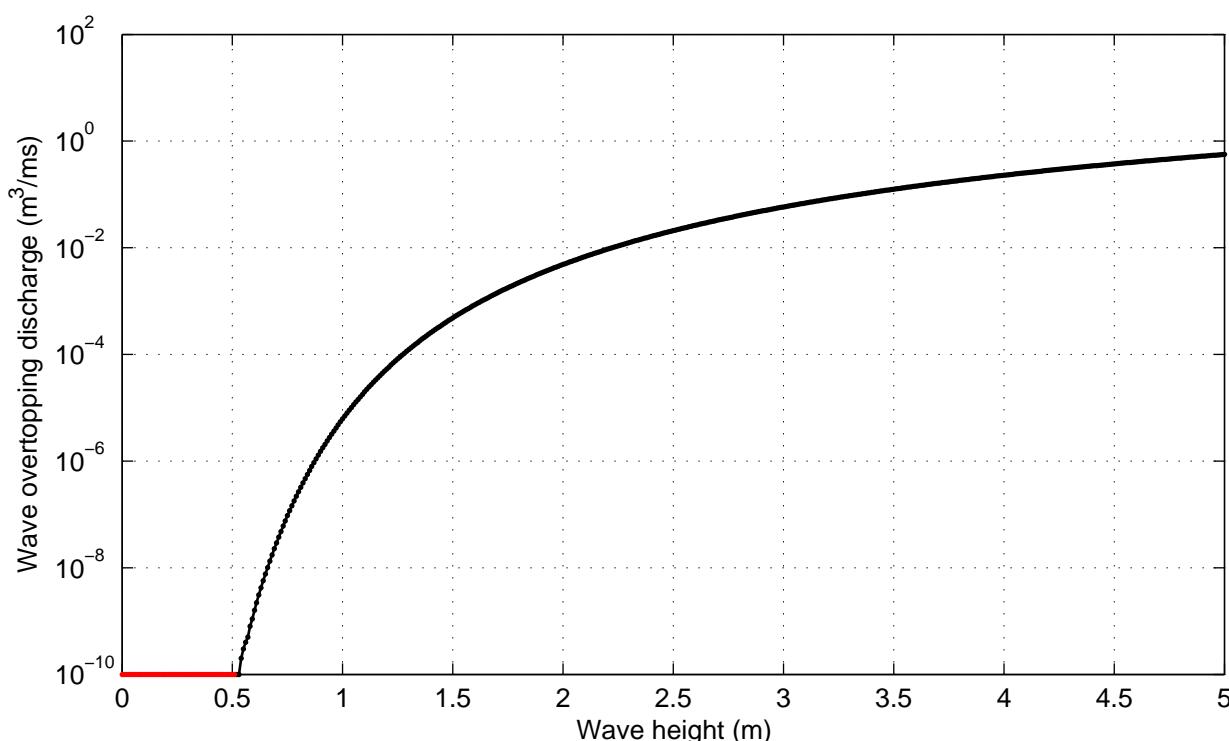
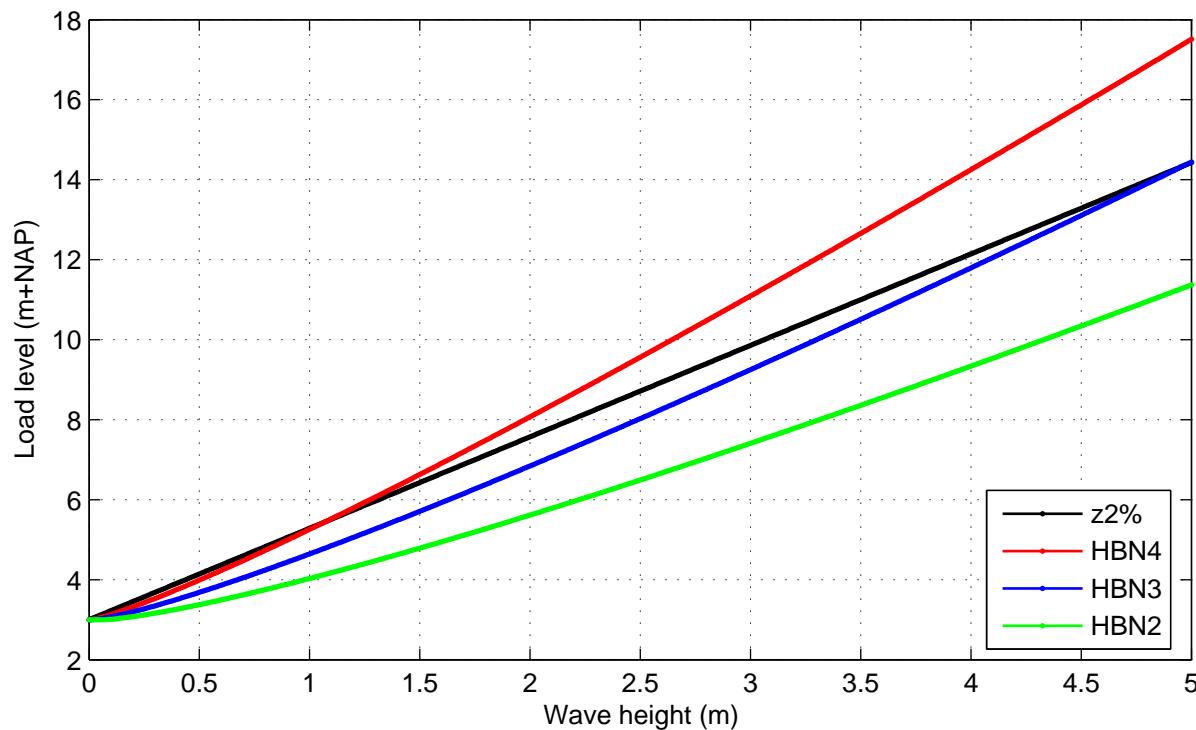
Cross section nr 1; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.3



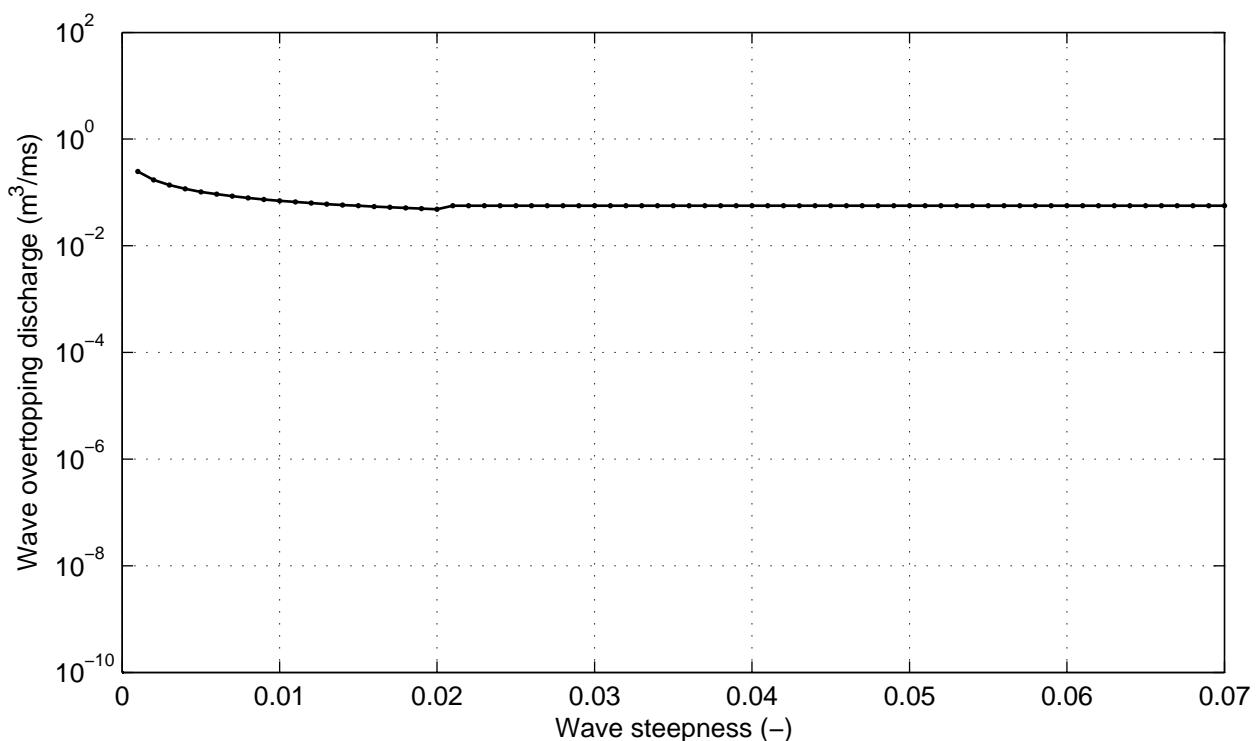
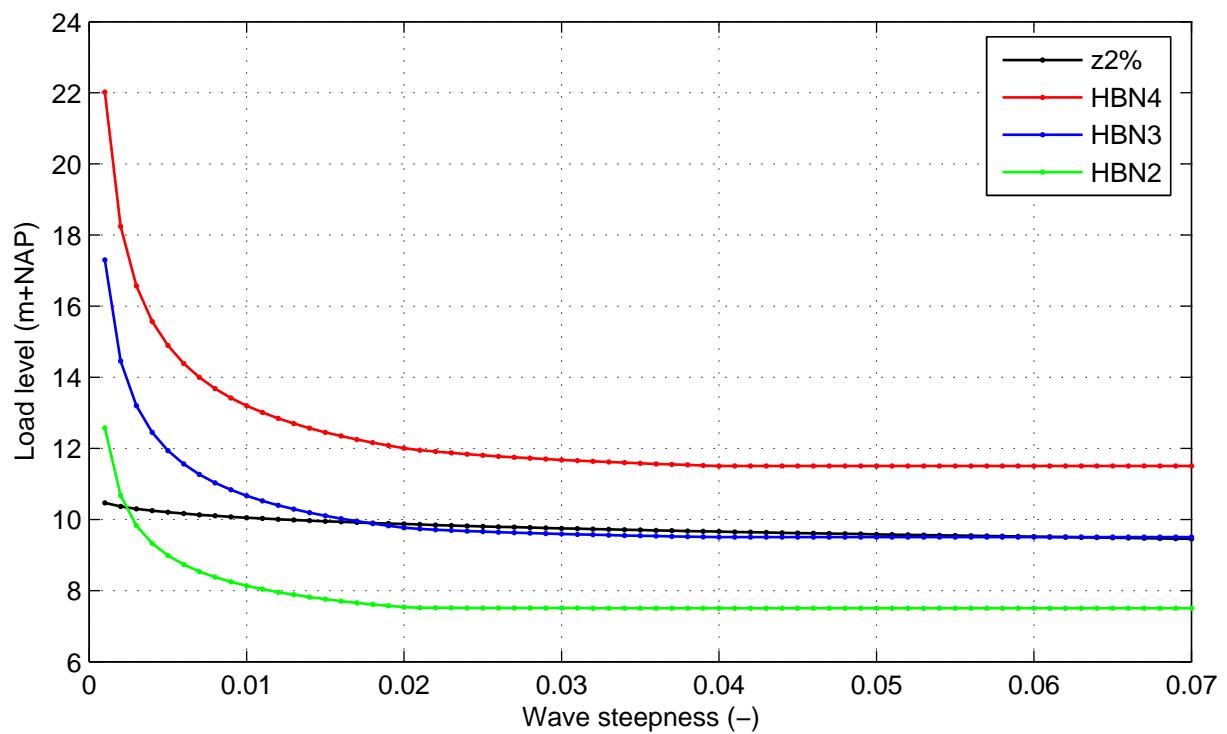
Cross section nr 1; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.4



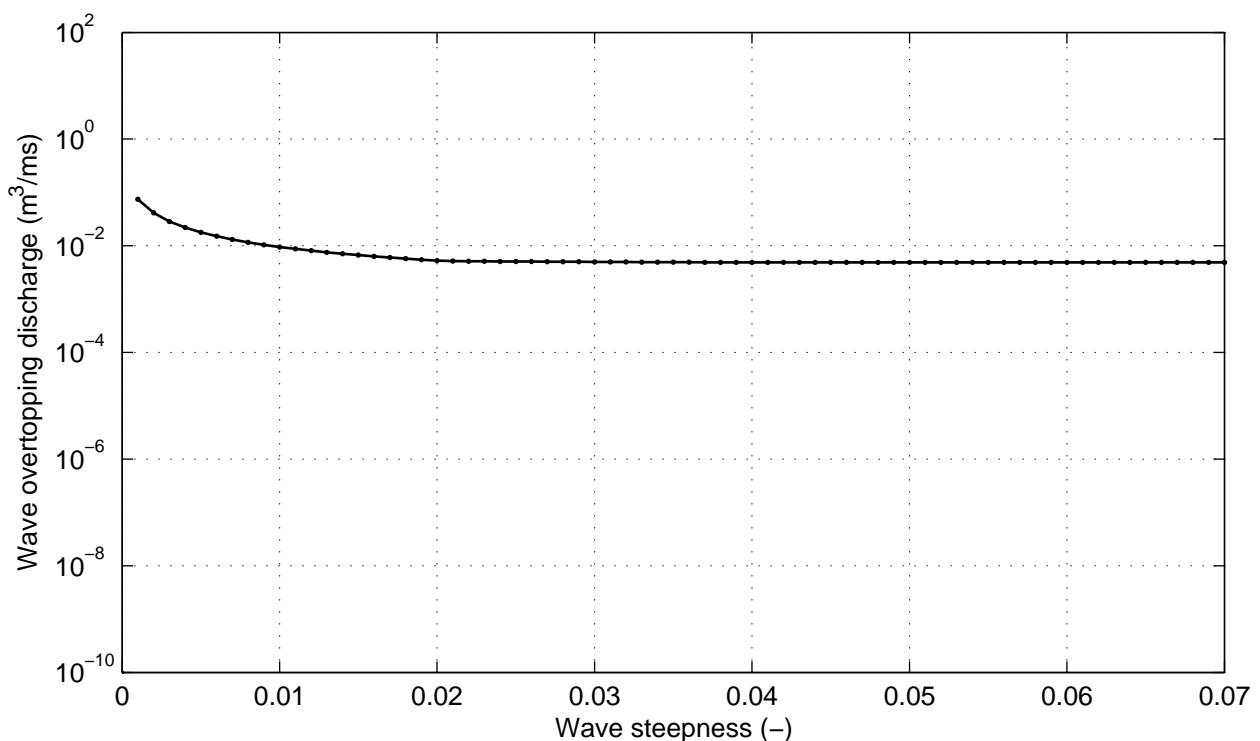
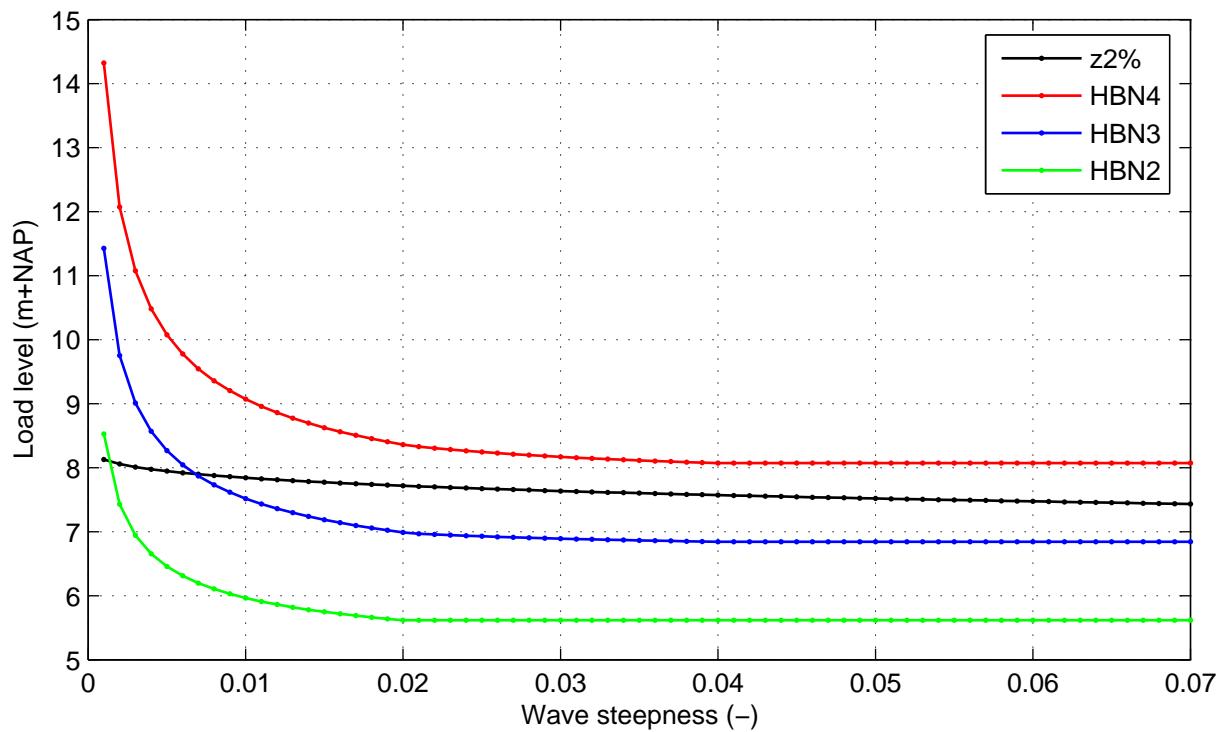
Cross section nr 1; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.5



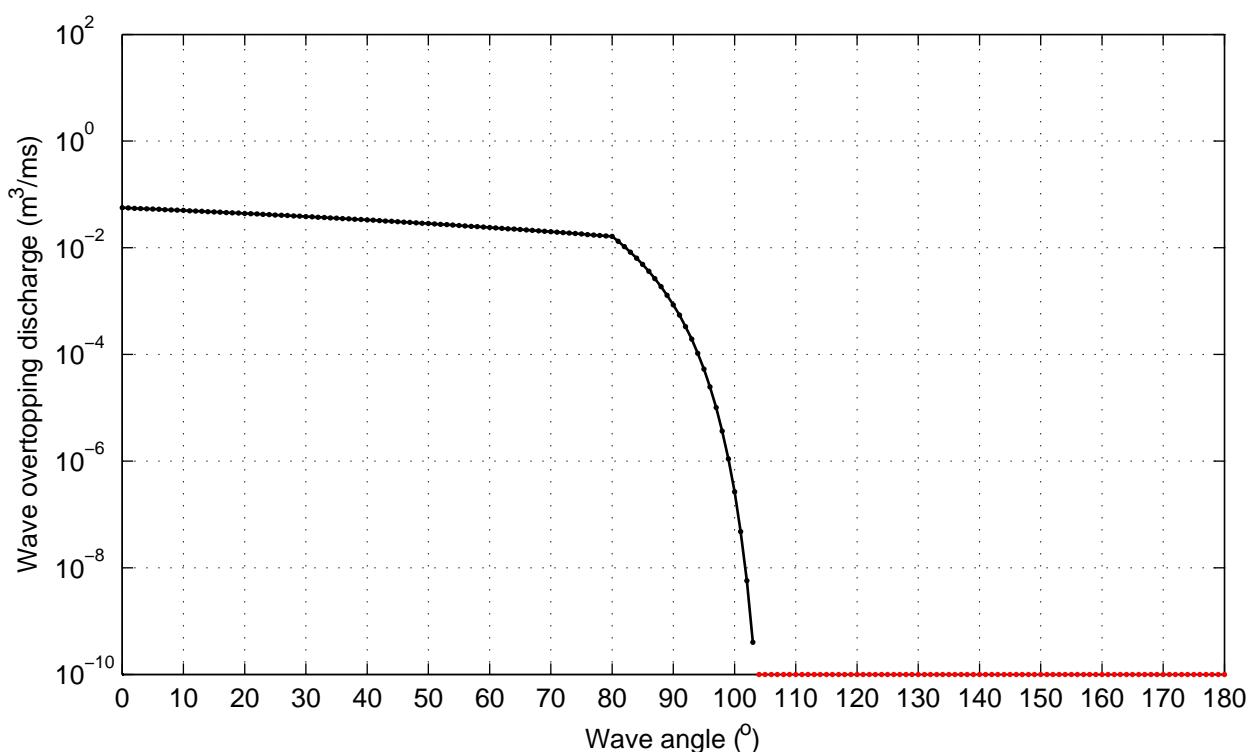
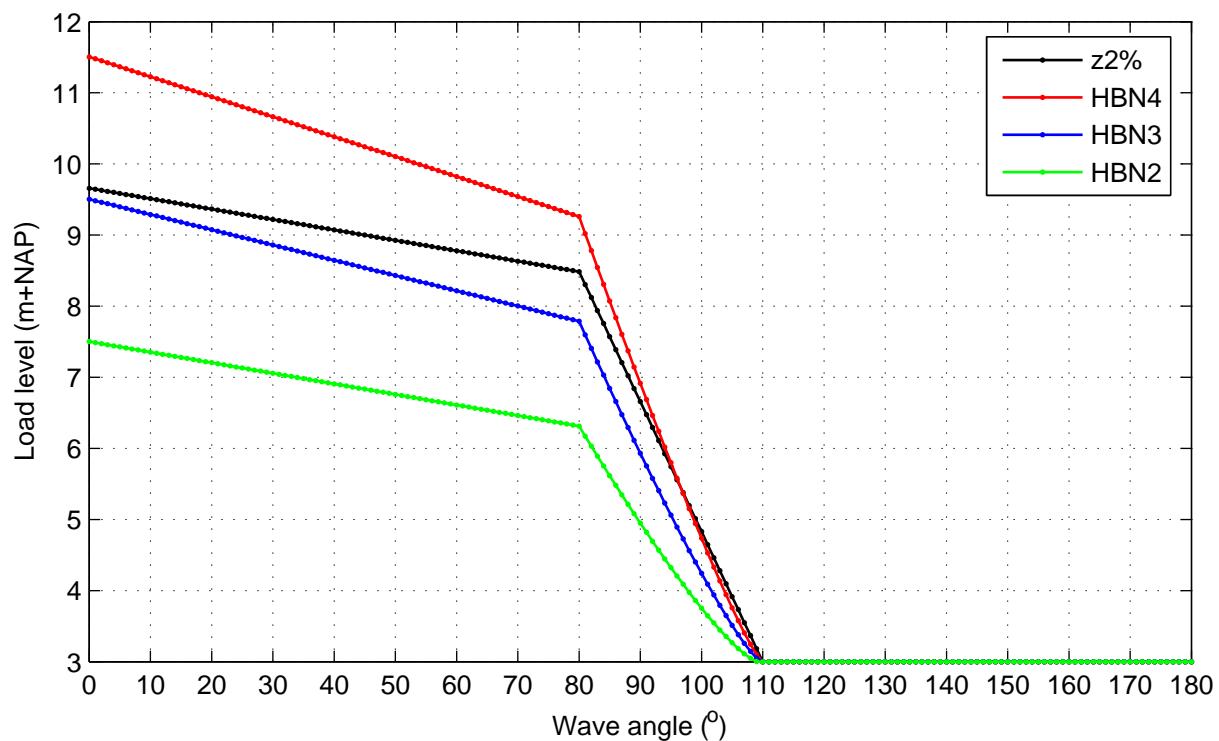
Cross section nr 1; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.6



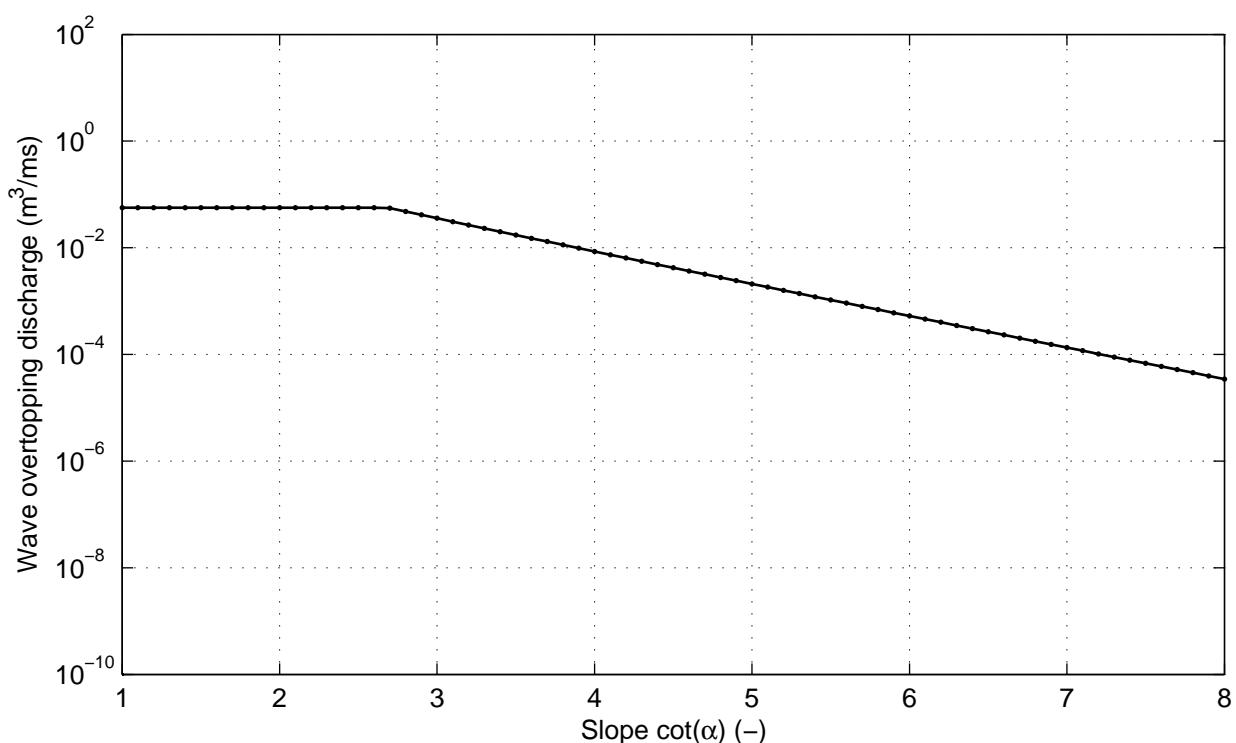
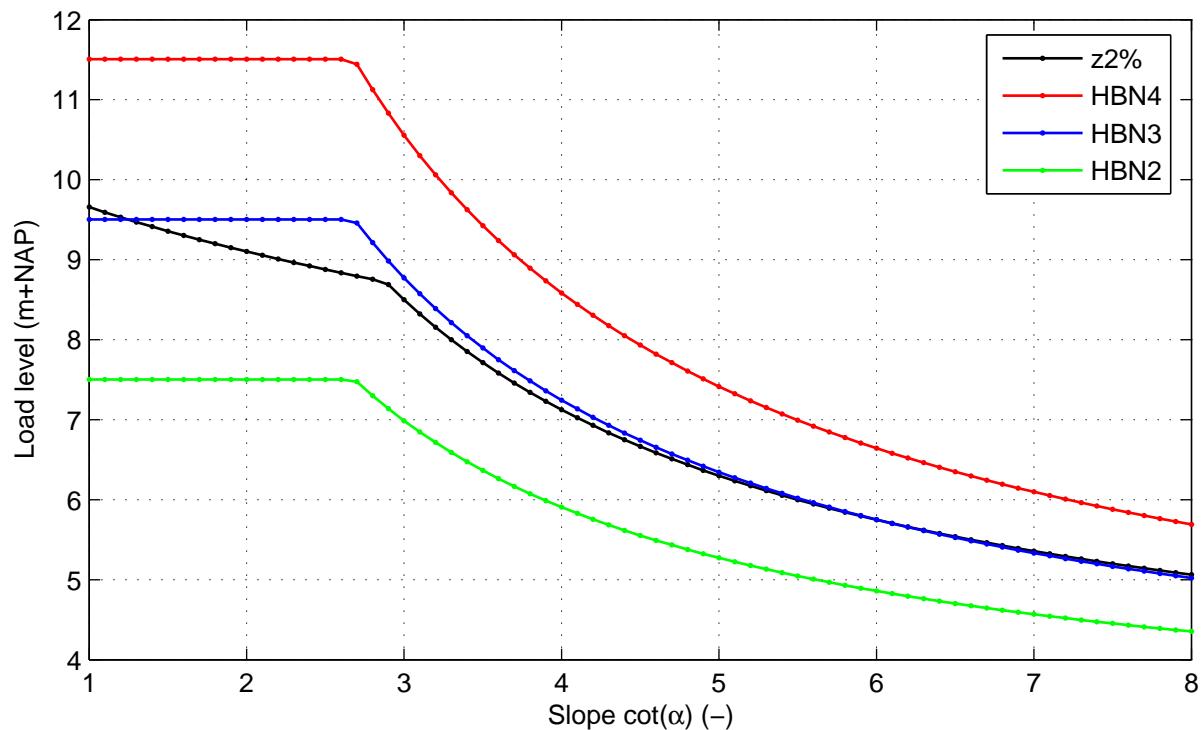
Cross section nr 1; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.7



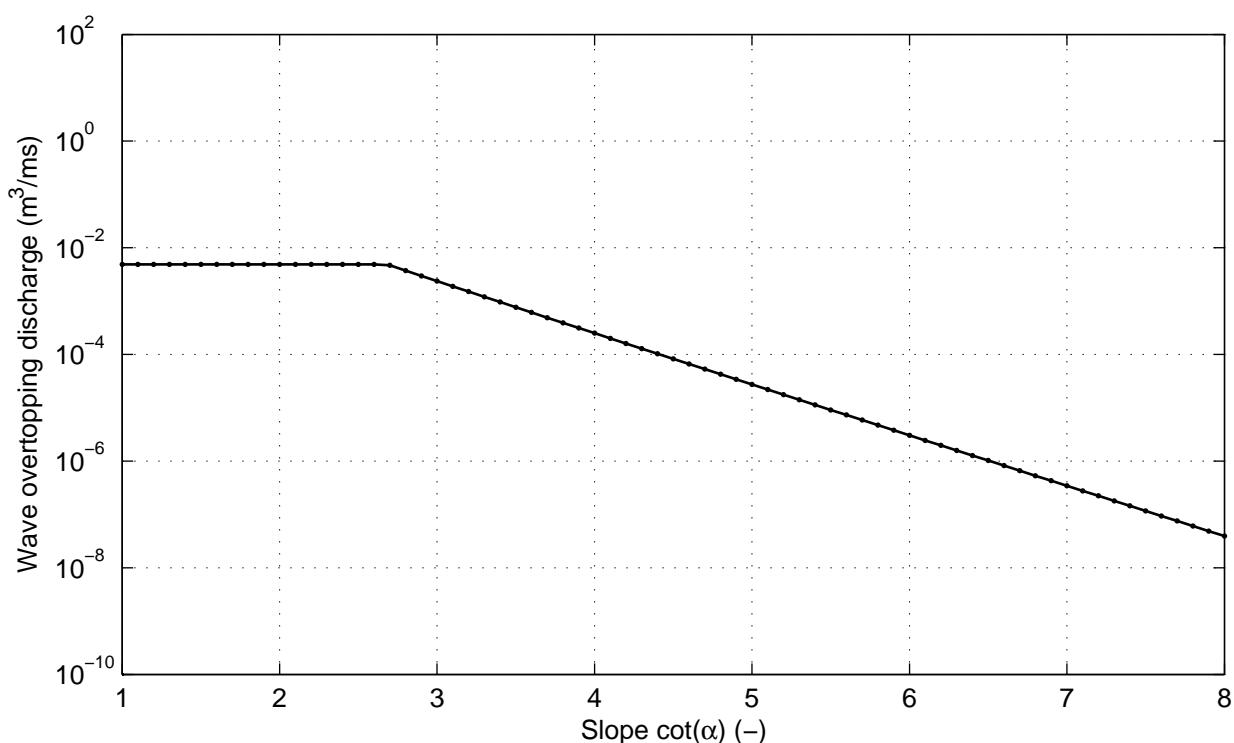
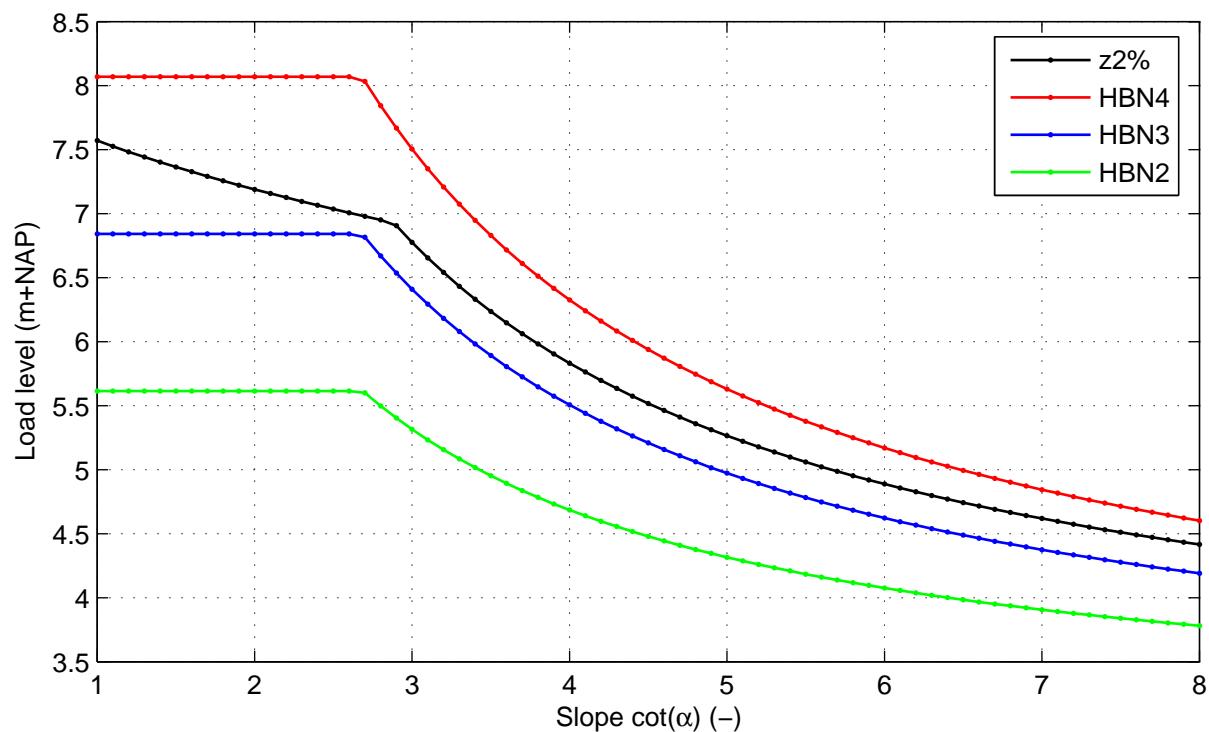
Cross section nr 1; series nr 8; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.8



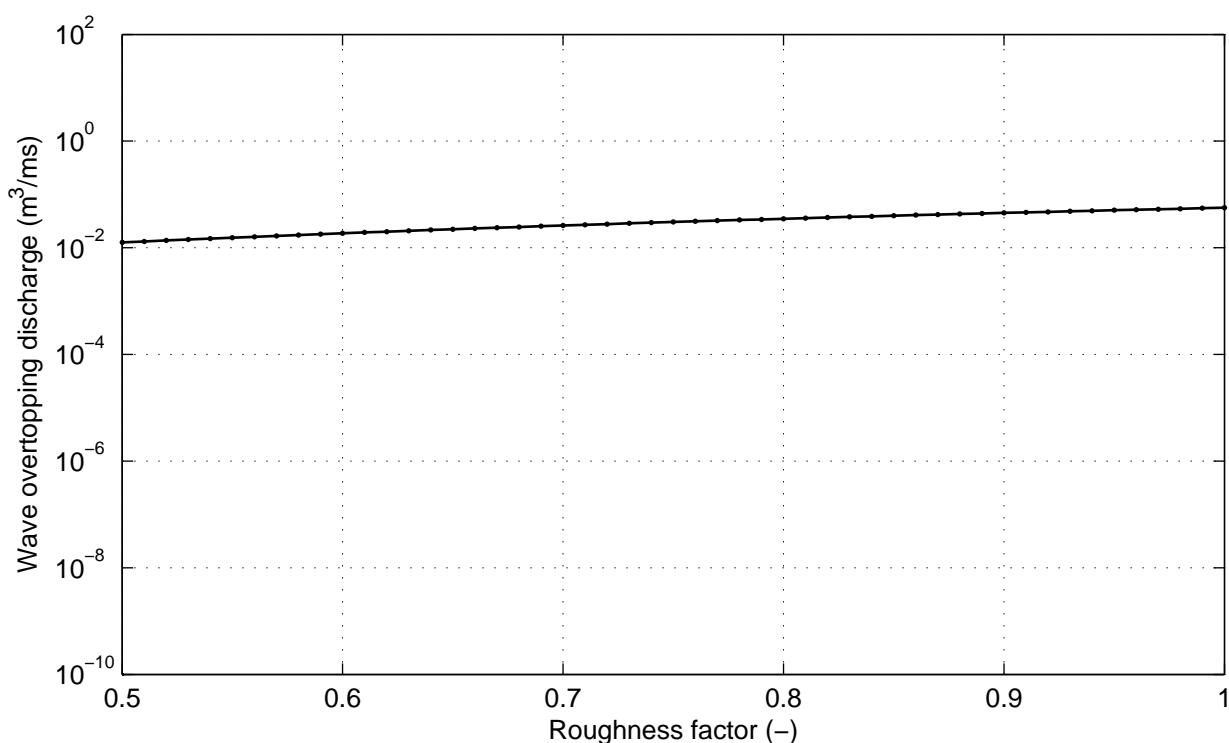
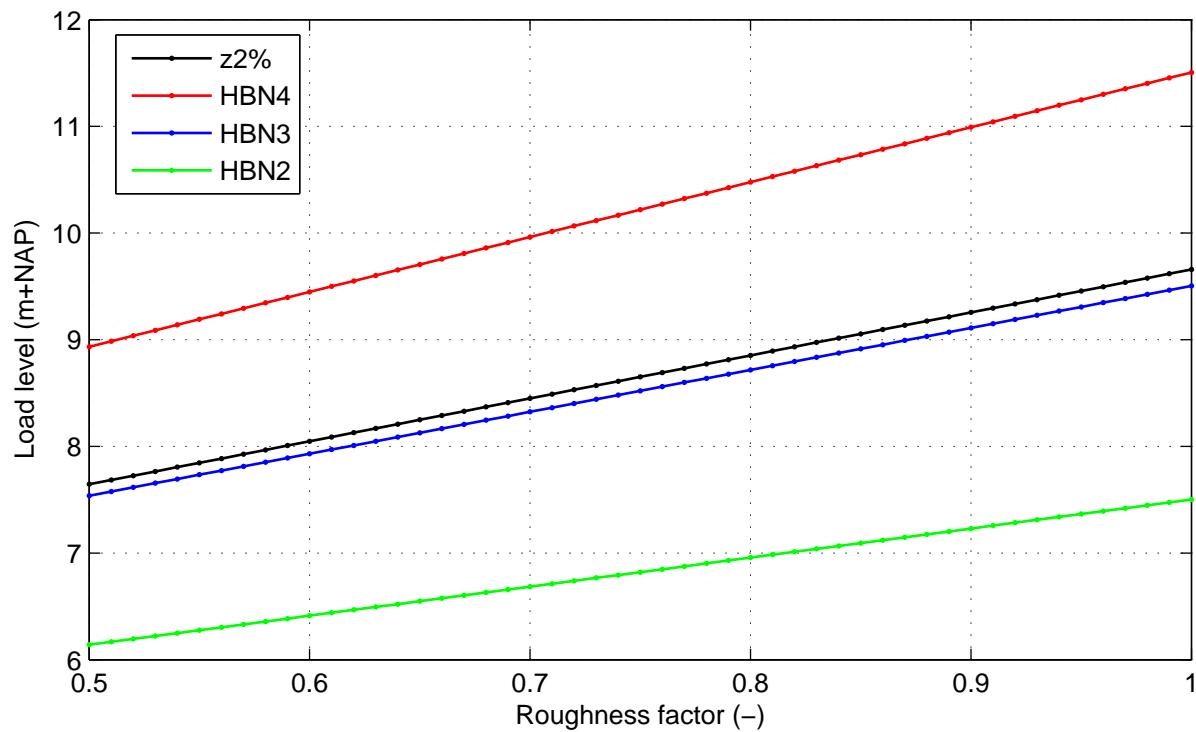
Cross section nr 1; series nr 9; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.9



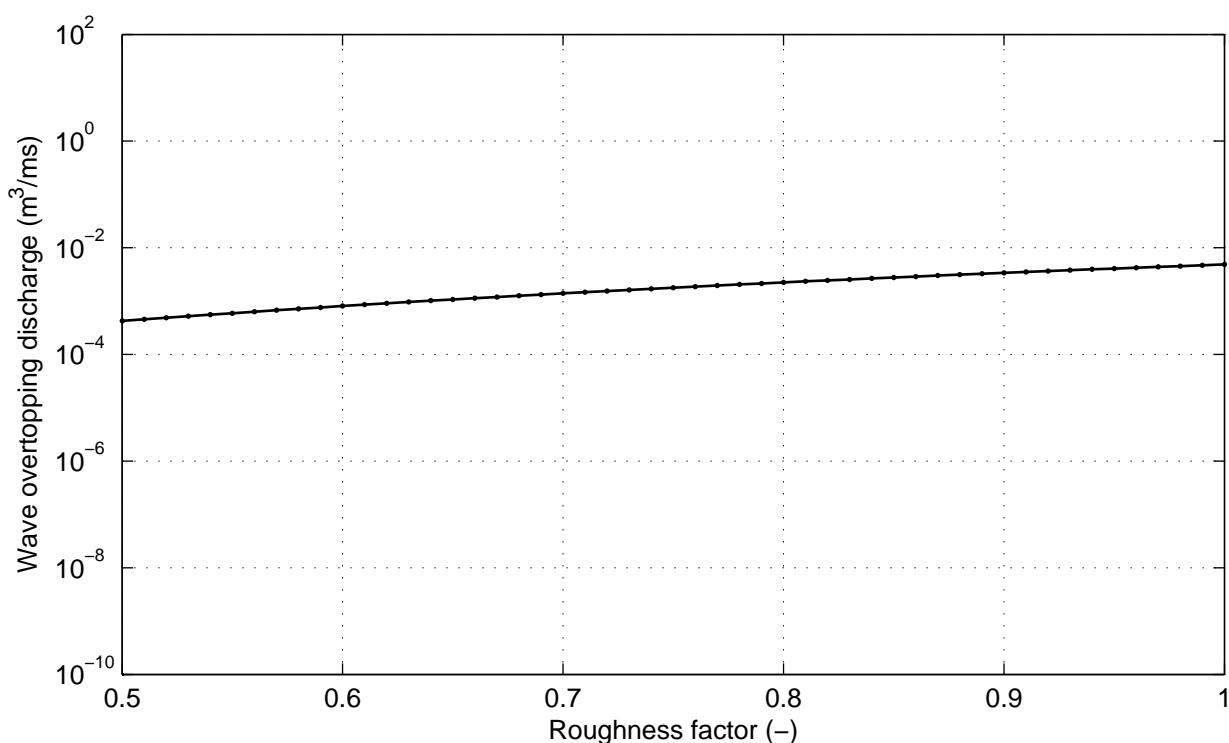
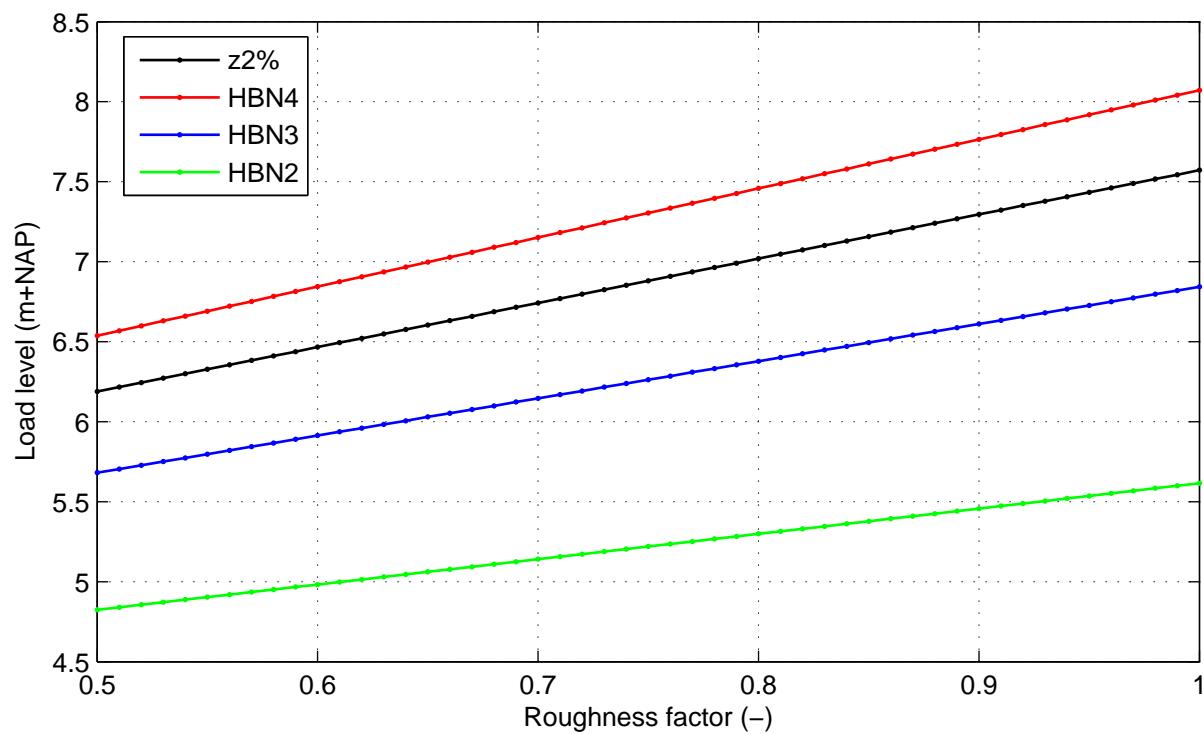
Cross section nr 1; series nr 10; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.10



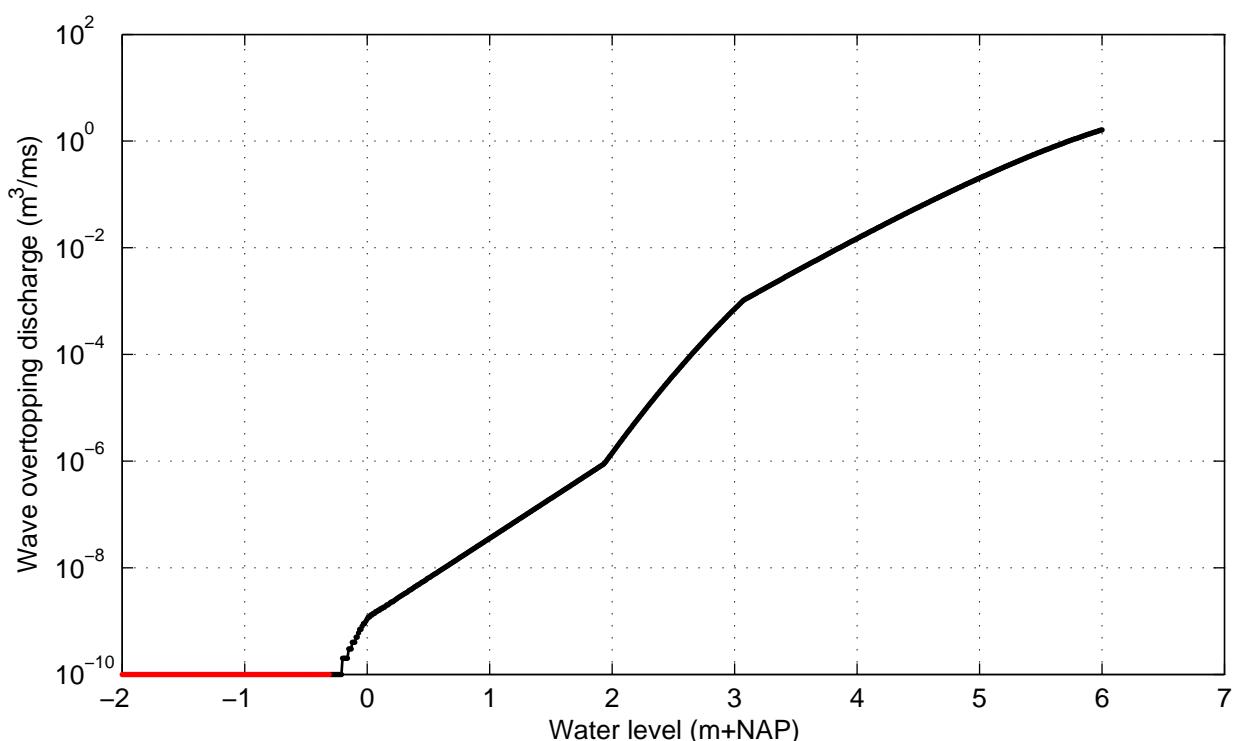
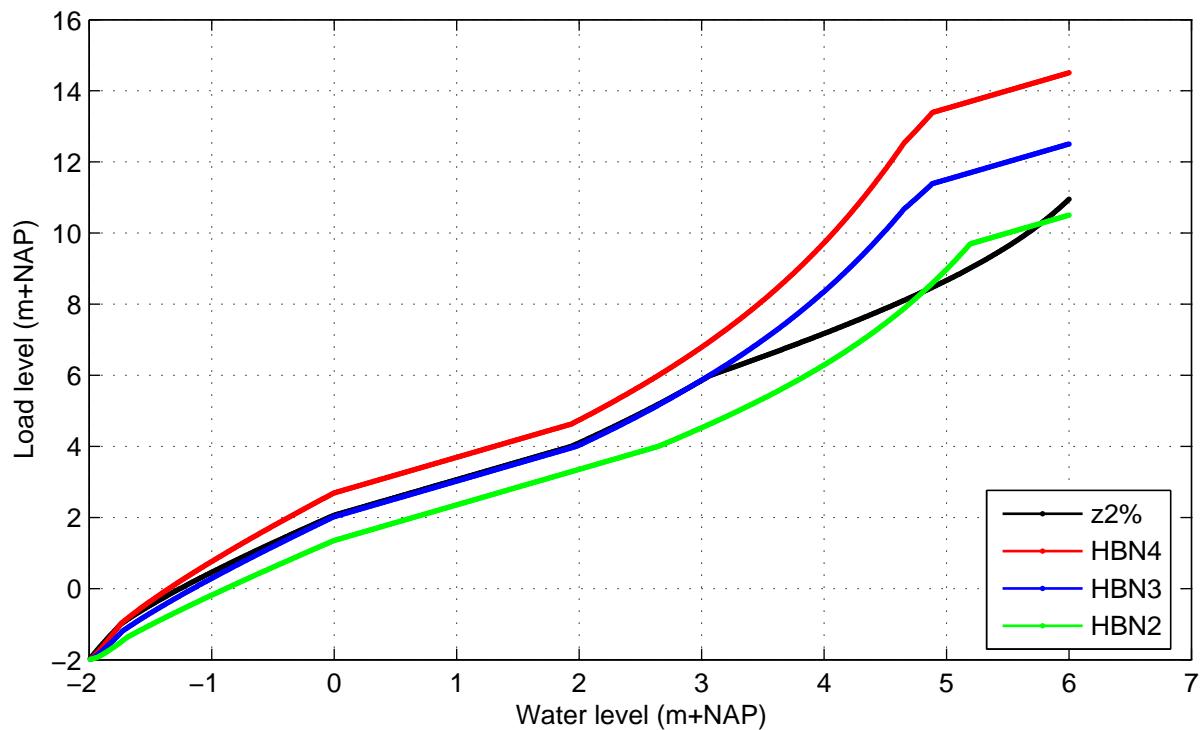
Cross section nr 1; series nr 11; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 1.11



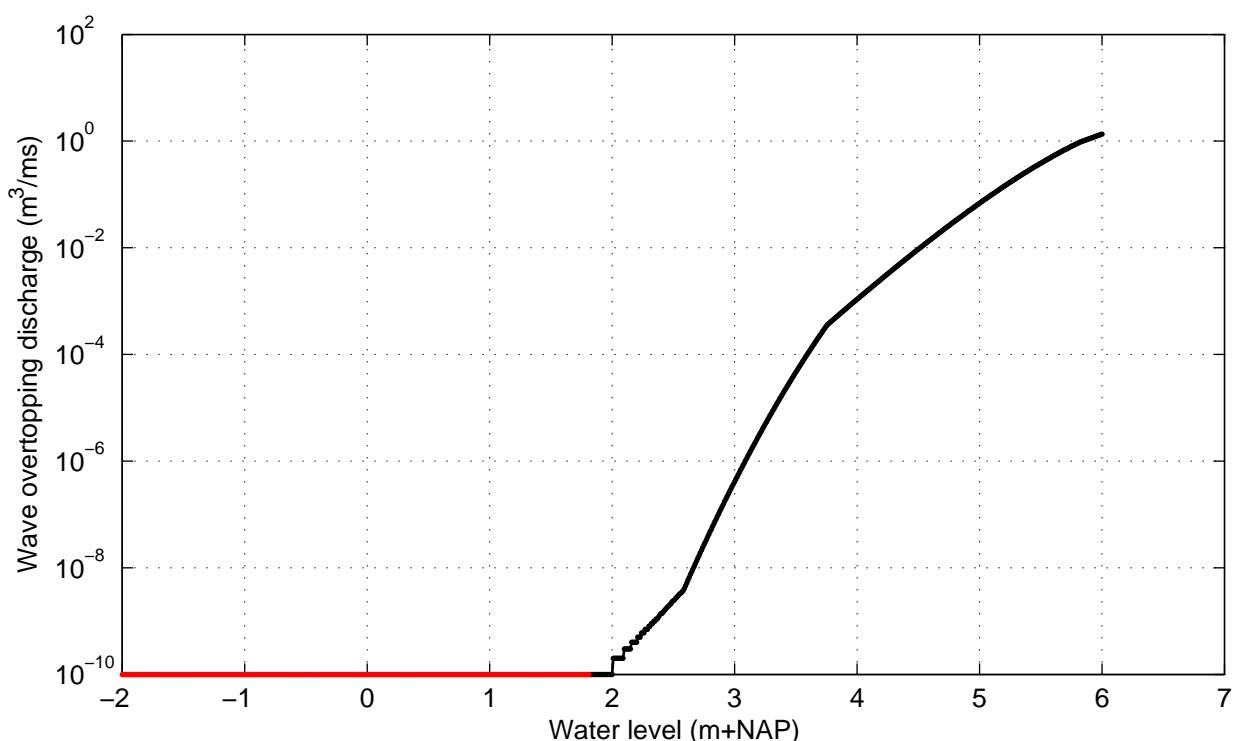
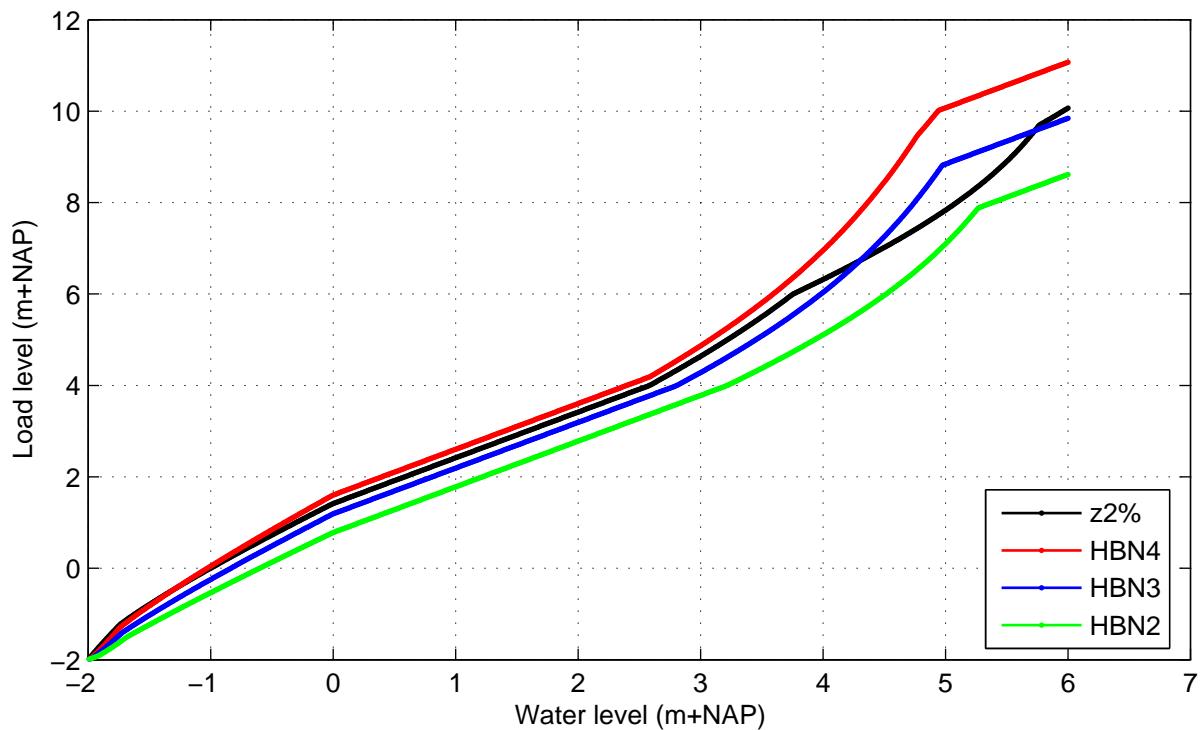
Cross section nr 2; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.1



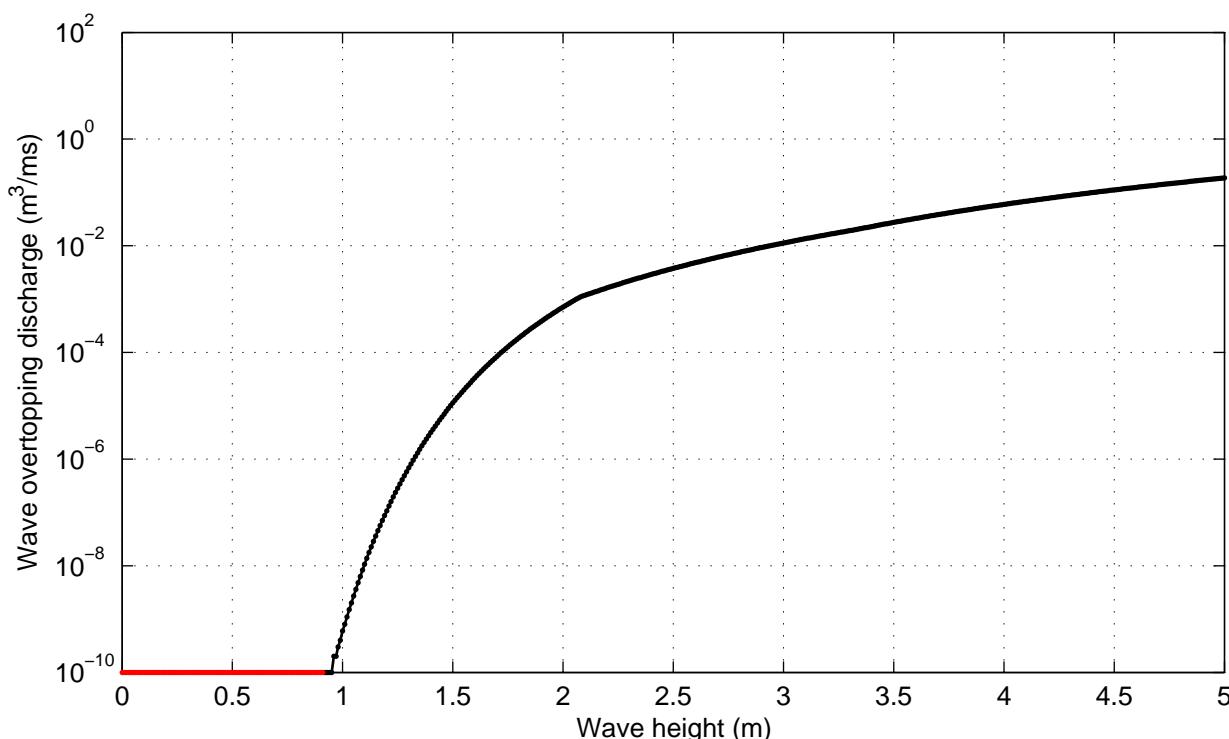
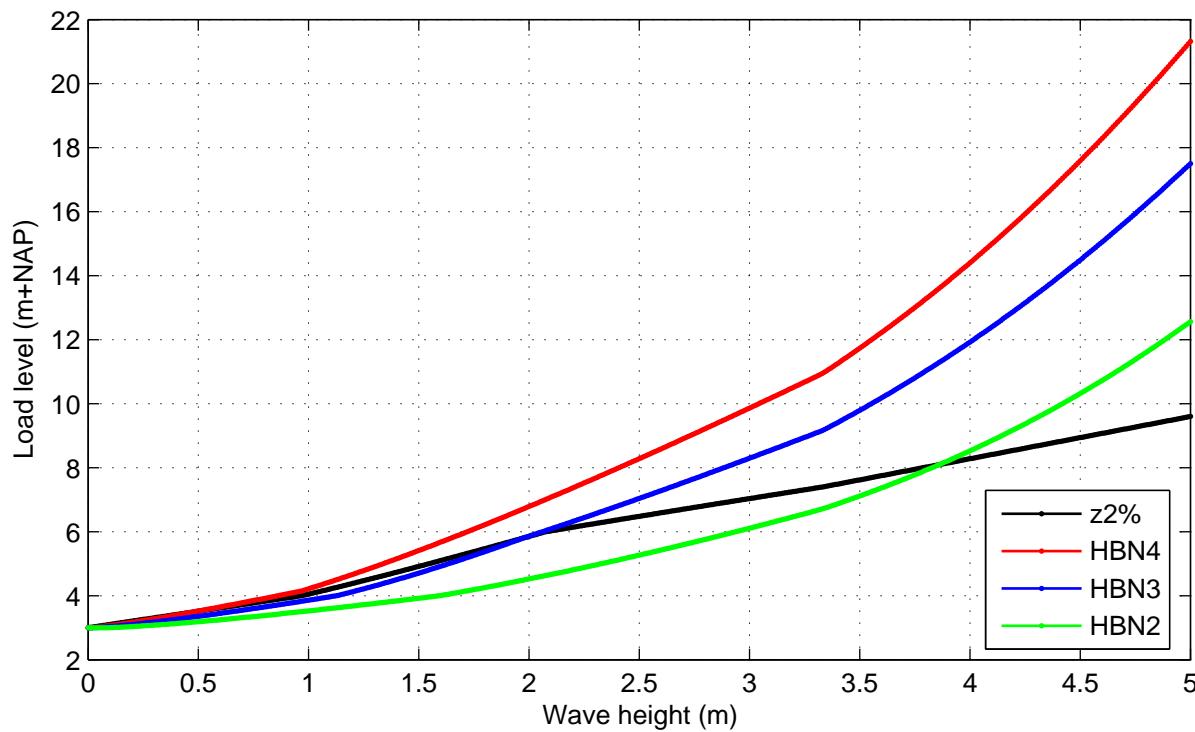
Cross section nr 2; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.2



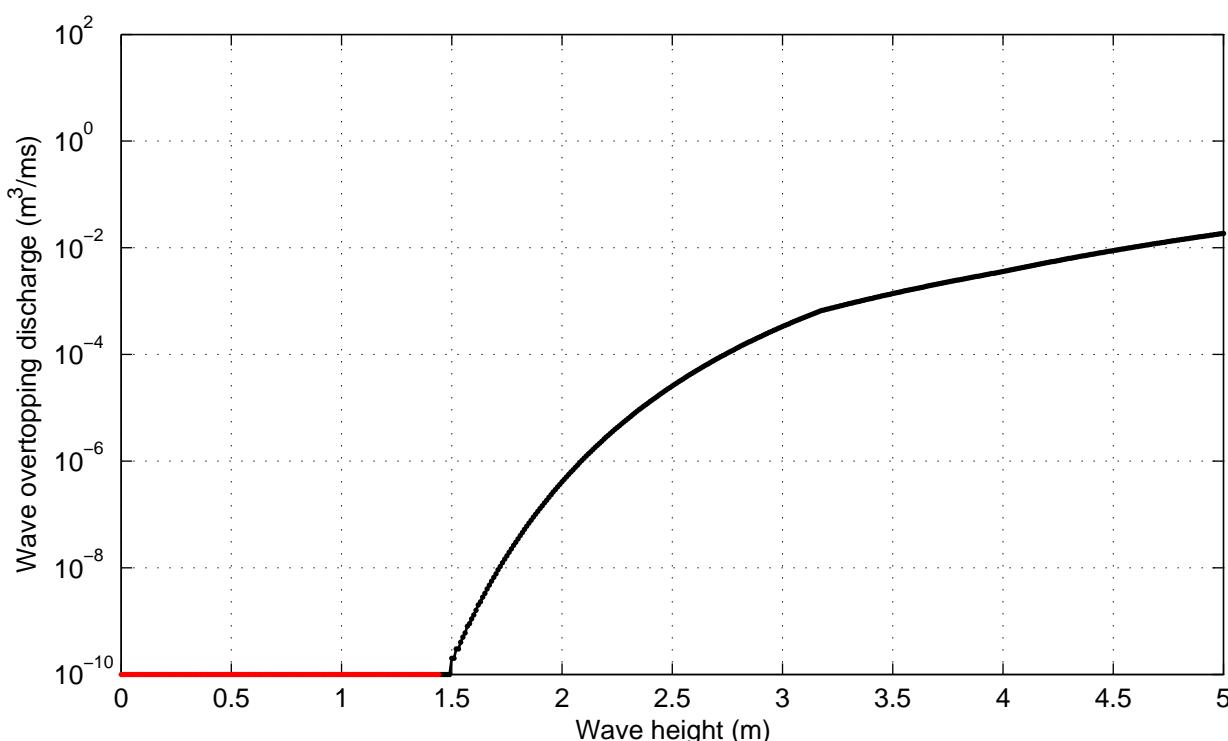
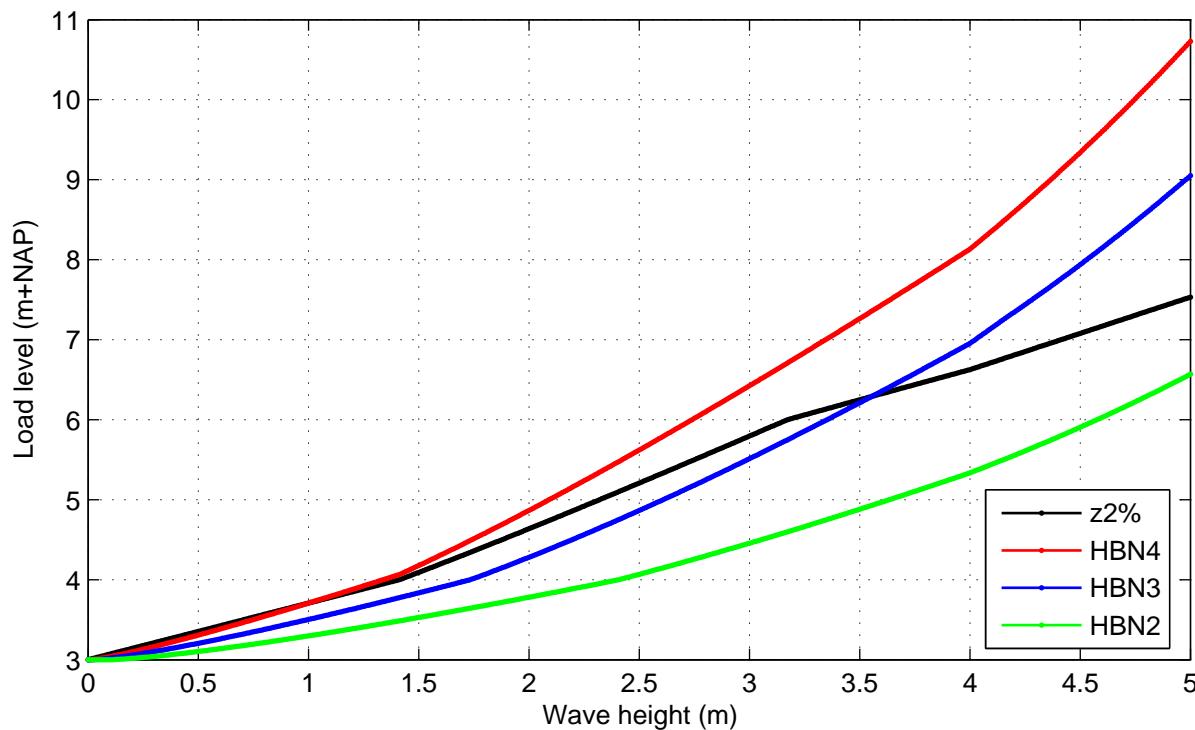
Cross section nr 2; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.3



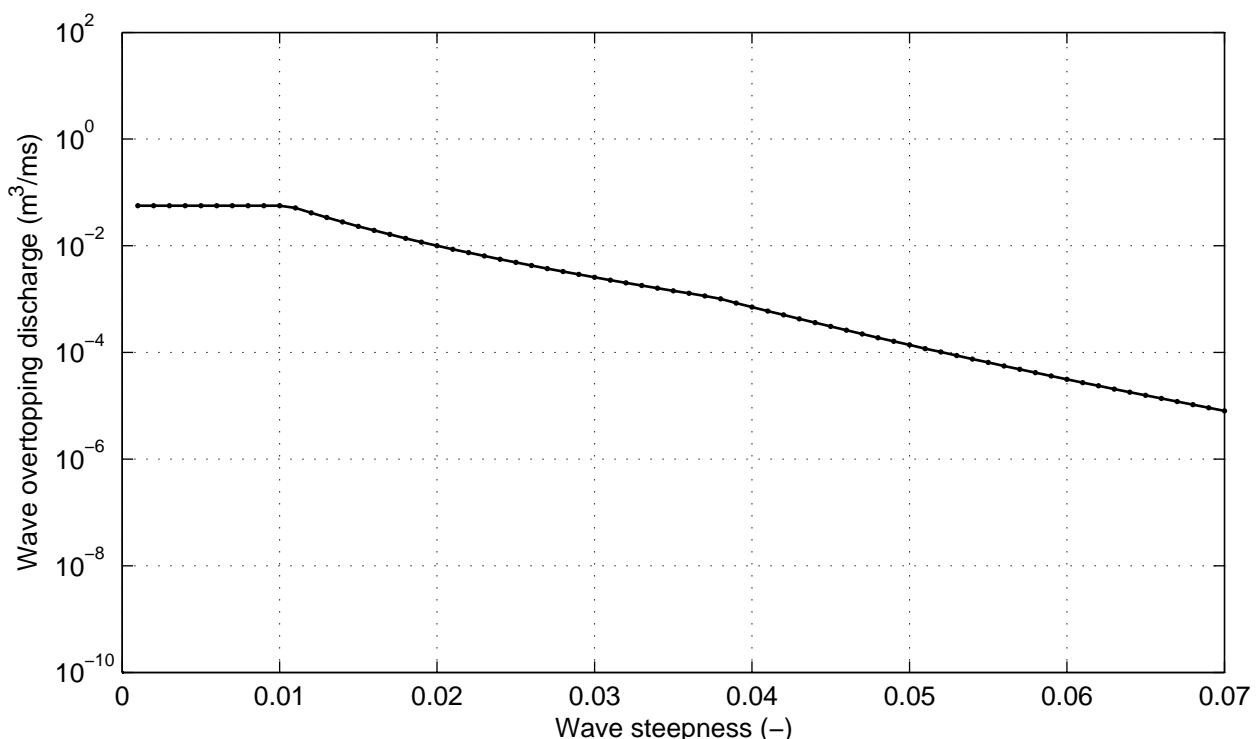
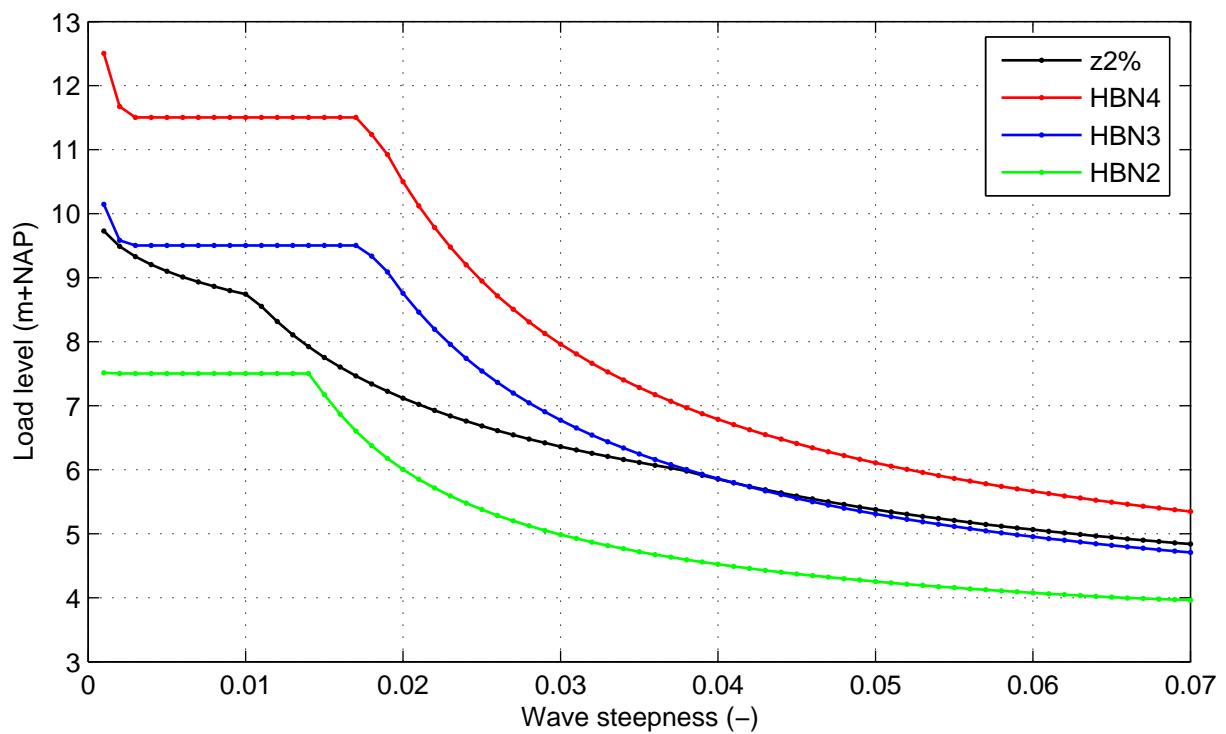
Cross section nr 2; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.4



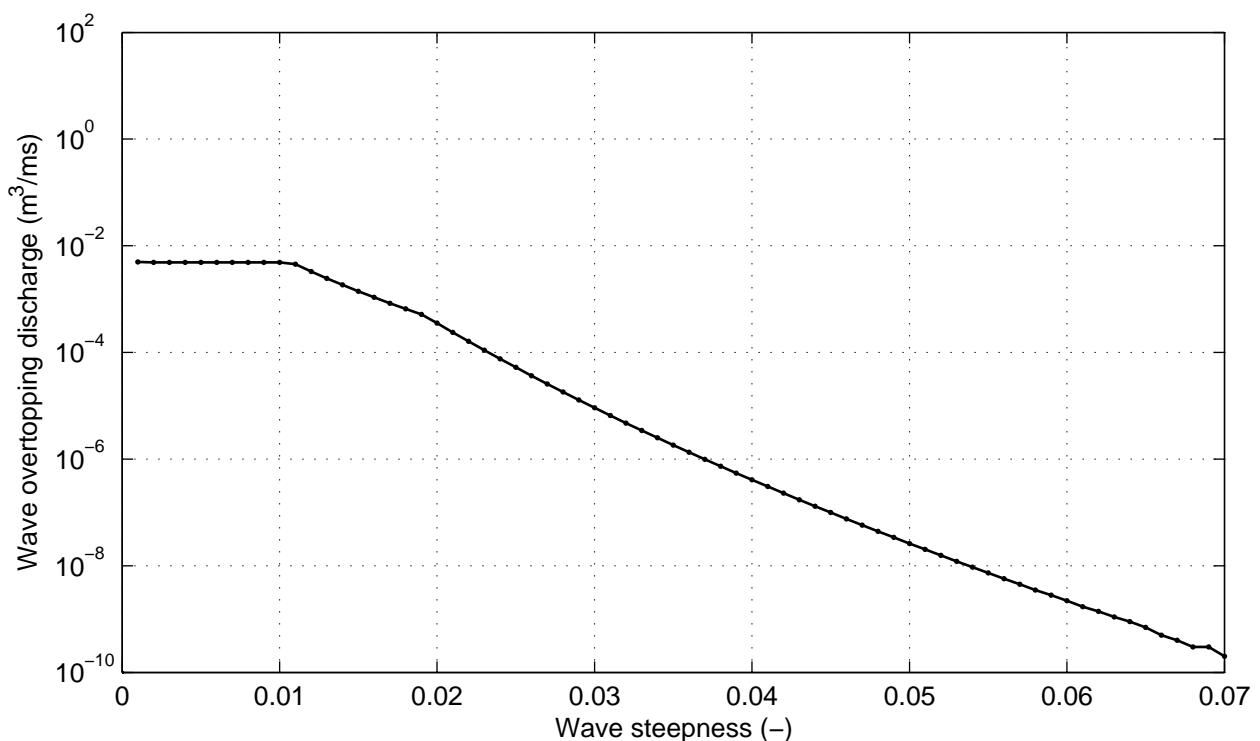
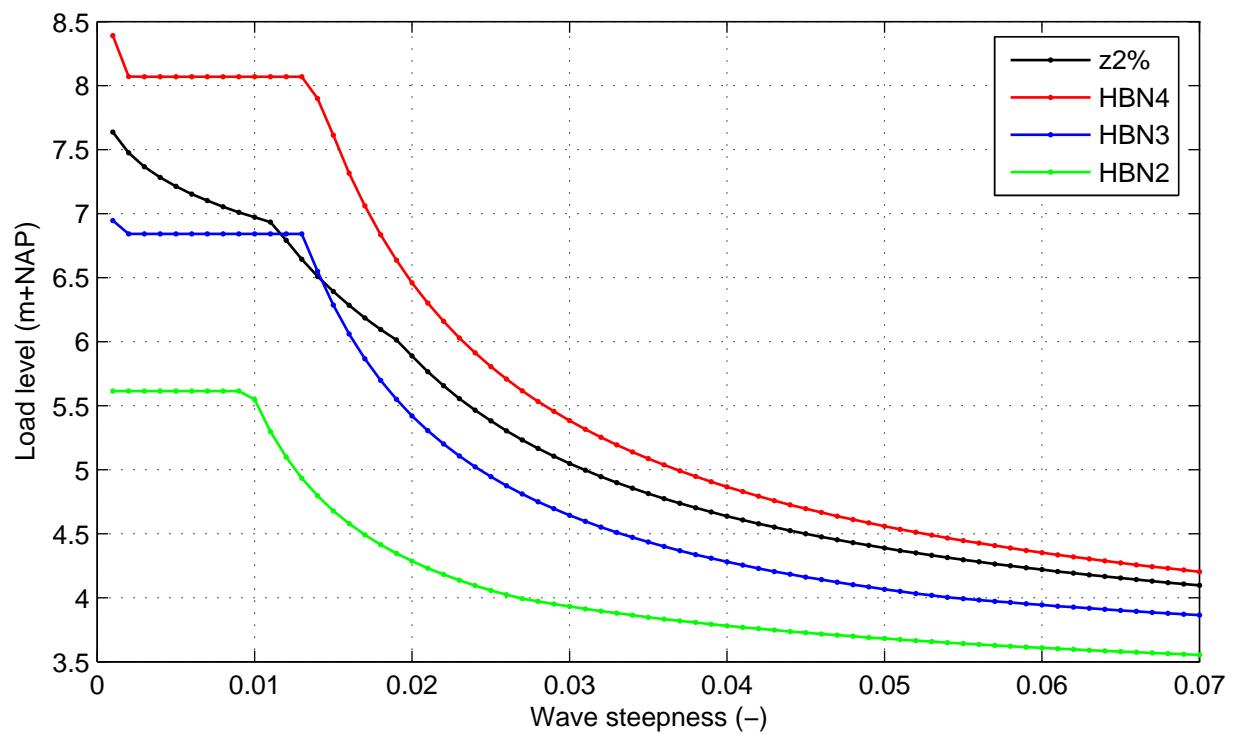
Cross section nr 2; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.5



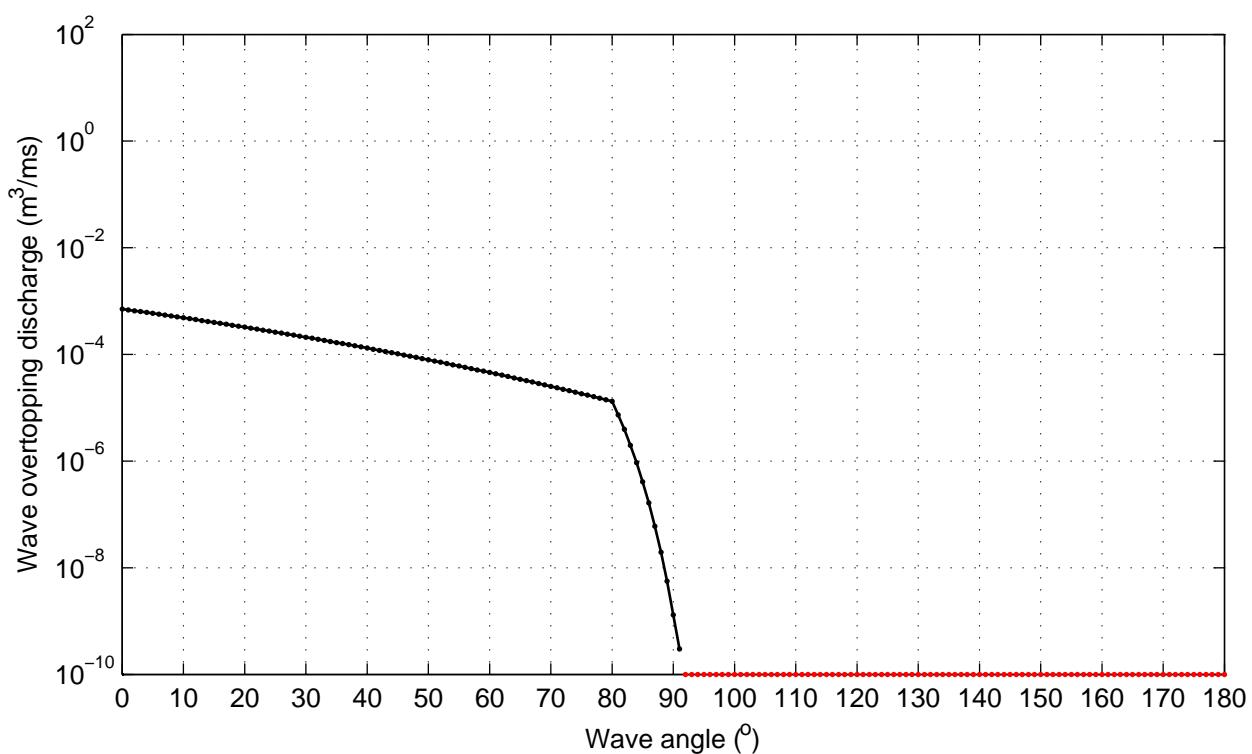
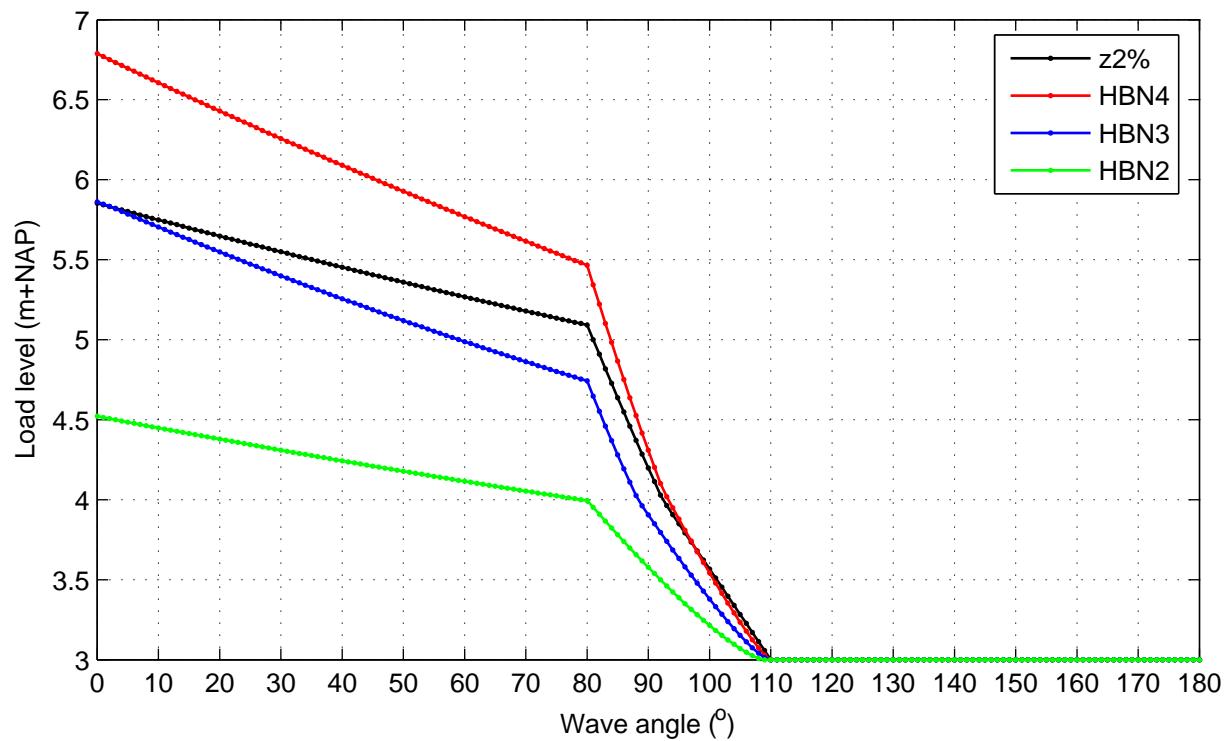
Cross section nr 2; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.6



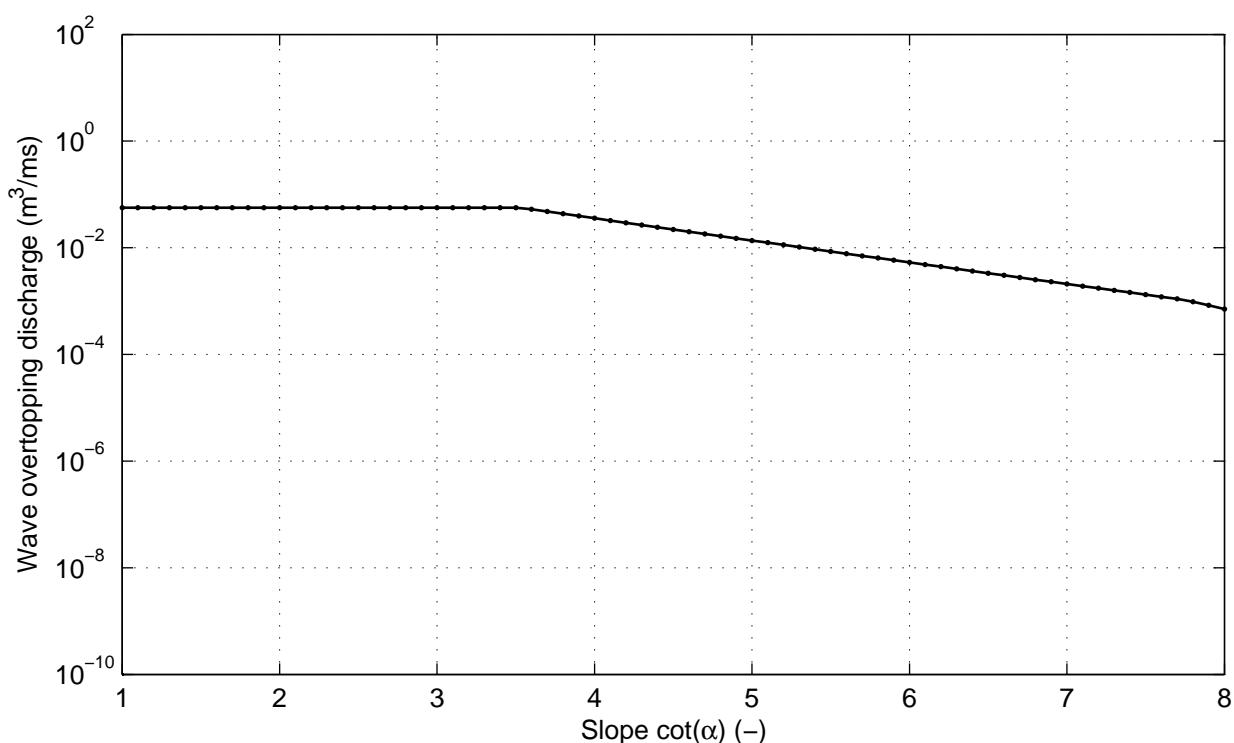
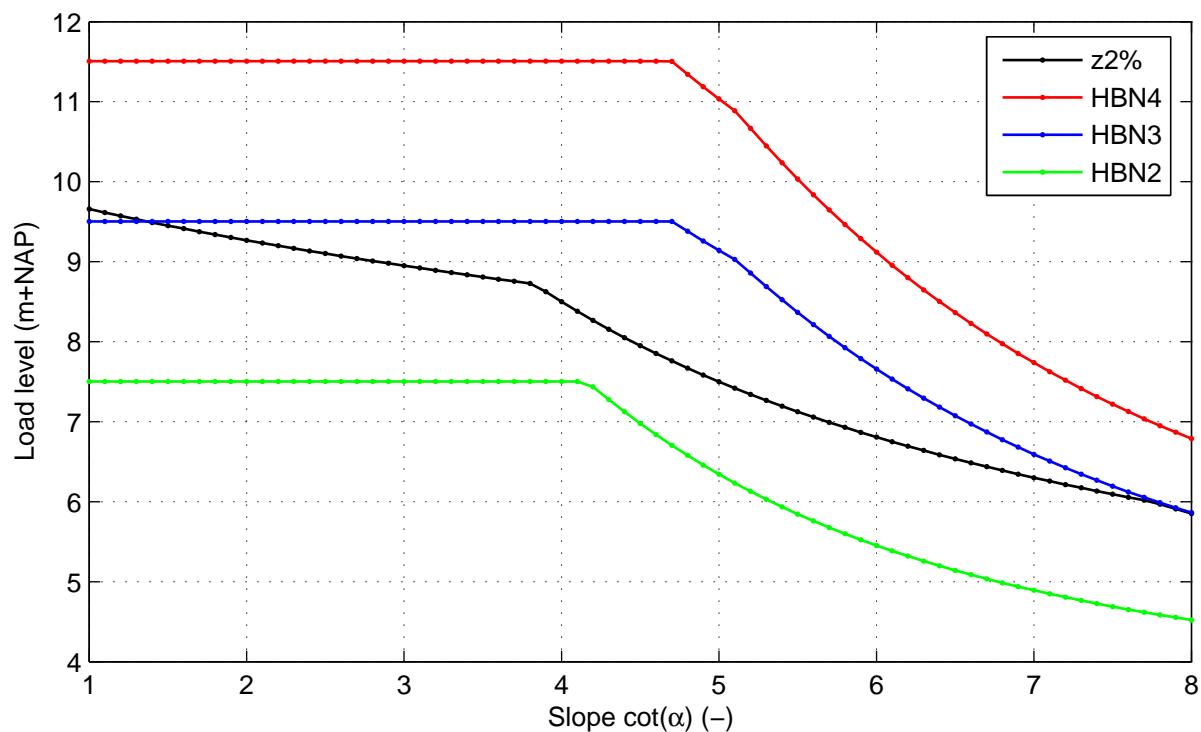
Cross section nr 2; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.7



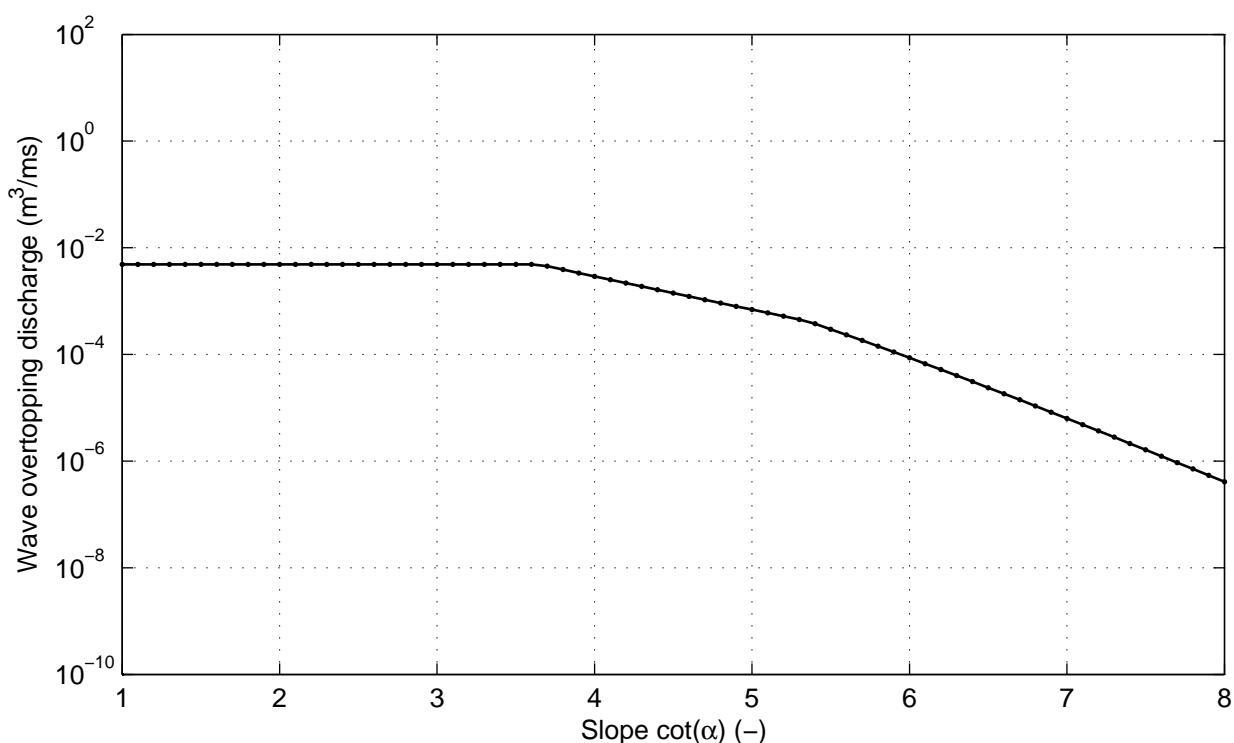
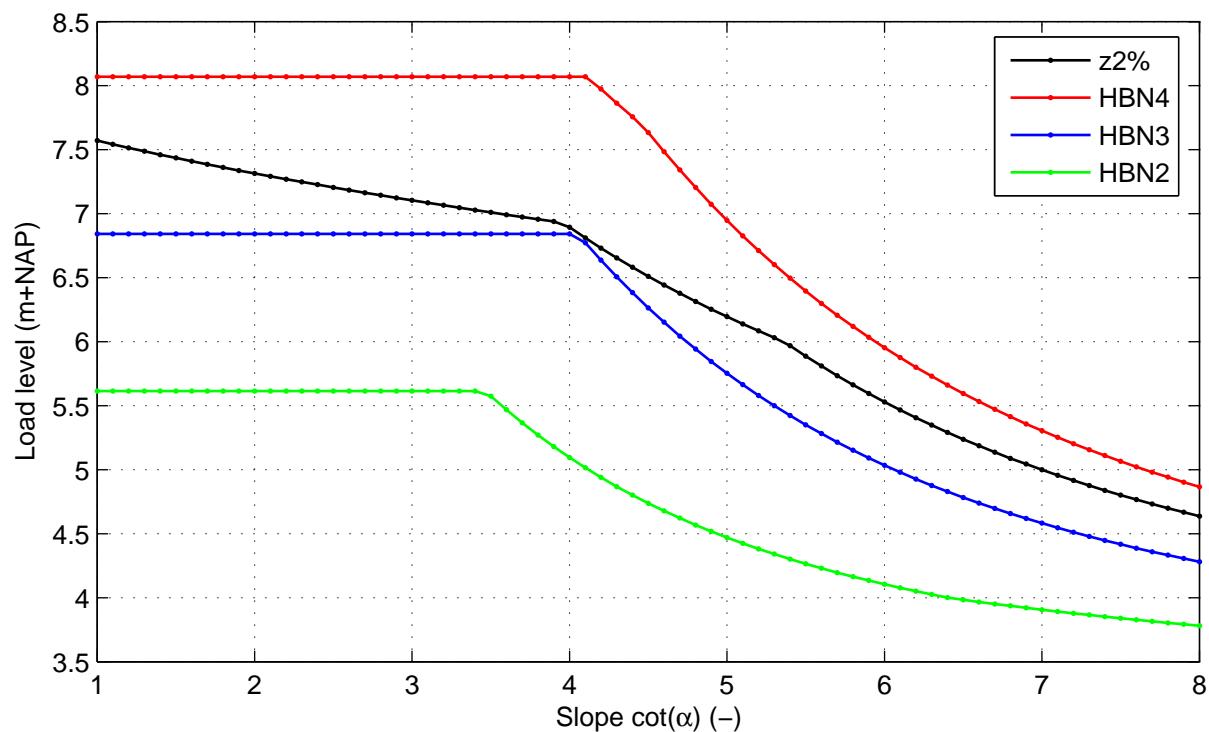
Cross section nr 2; series nr 8; Wave angle: 0 °
Varying slope lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.8



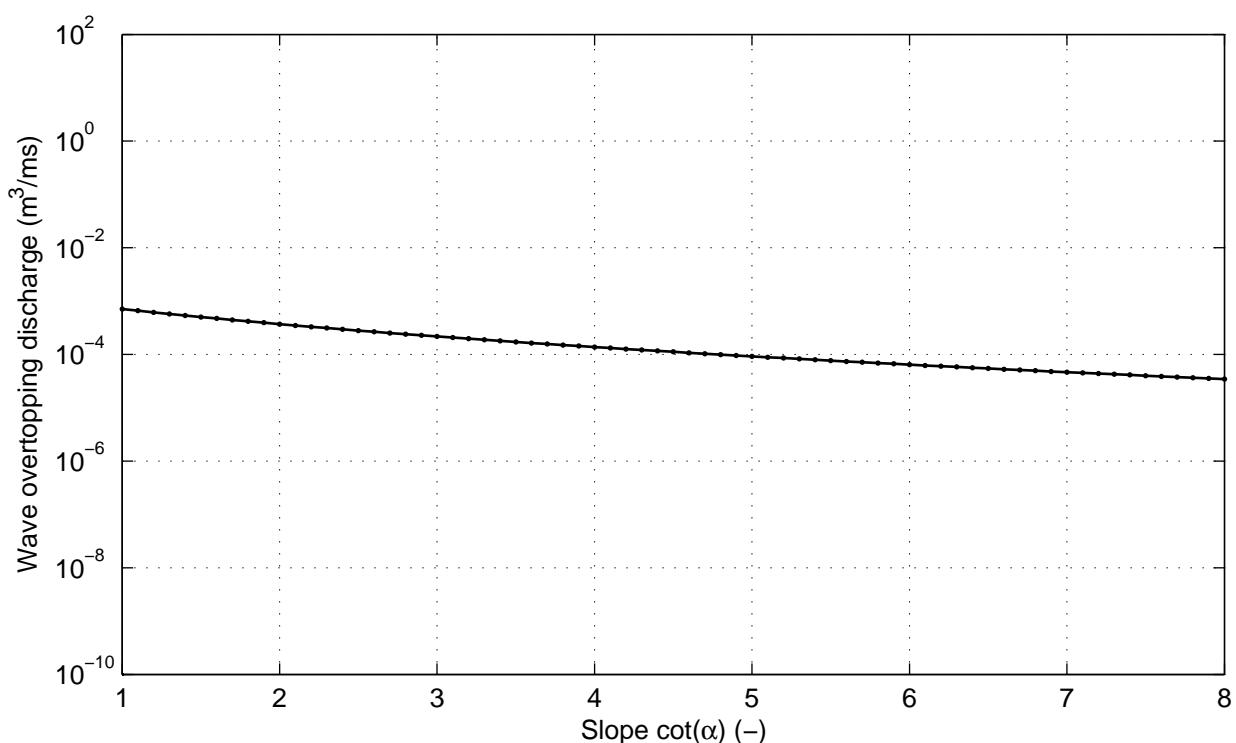
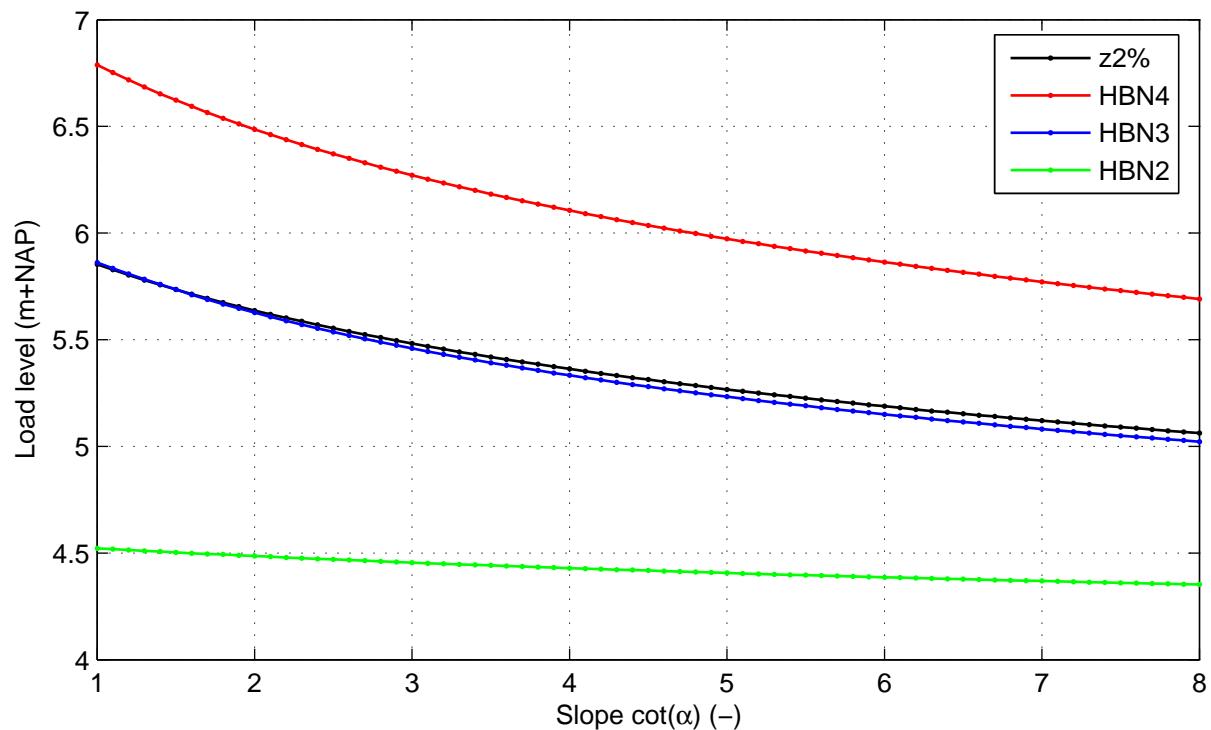
Cross section nr 2; series nr 9; Wave angle: 85 °
Varying slope lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.9



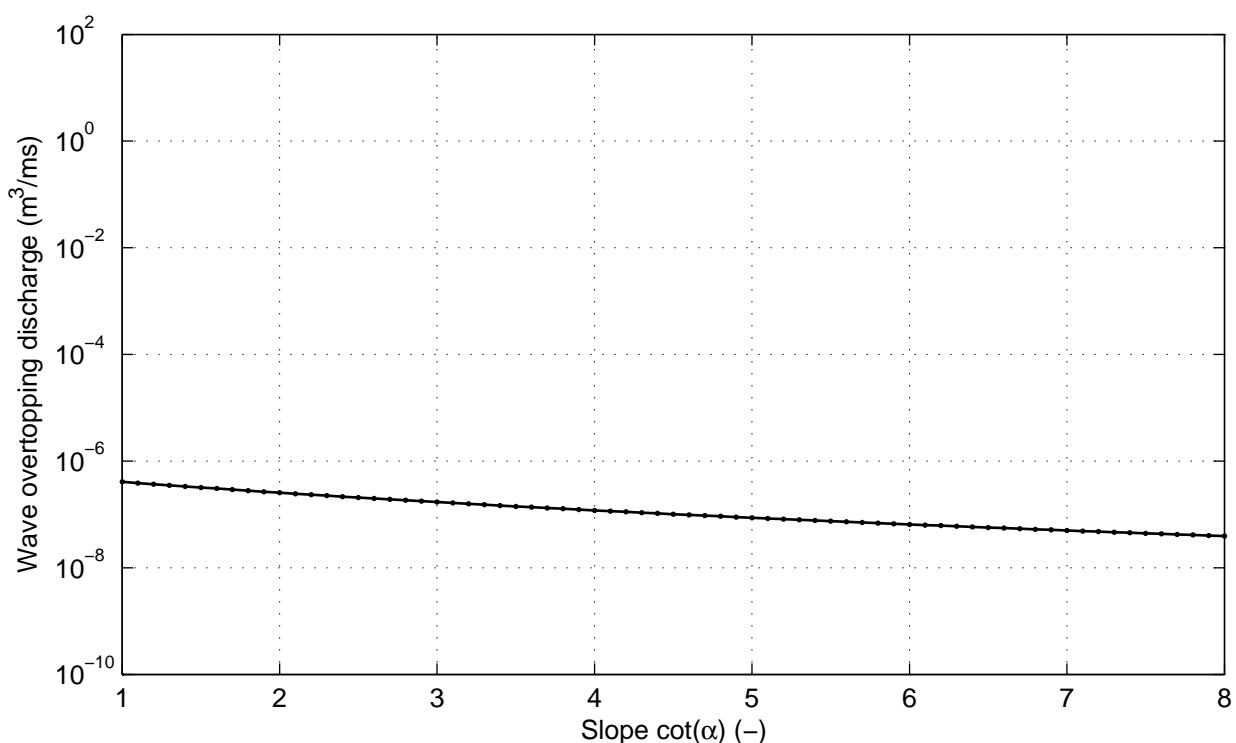
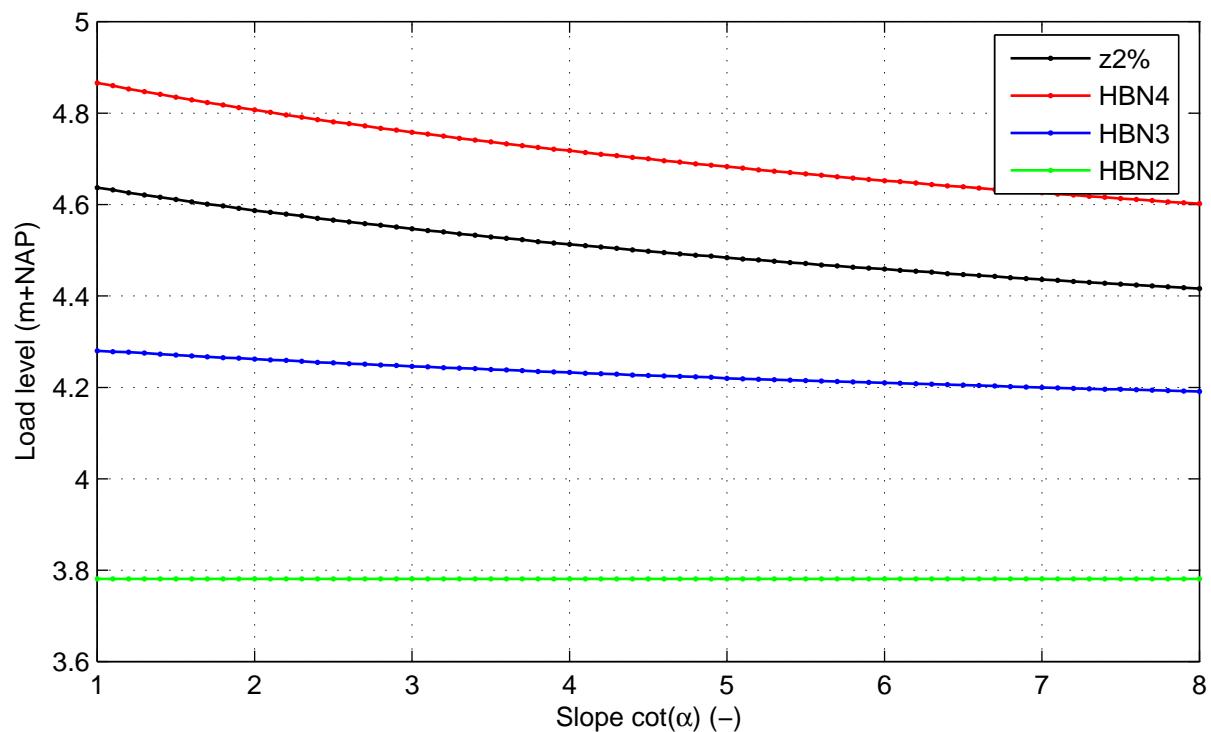
Cross section nr 2; series nr 10; Wave angle: 0 °
Varying slope upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.10



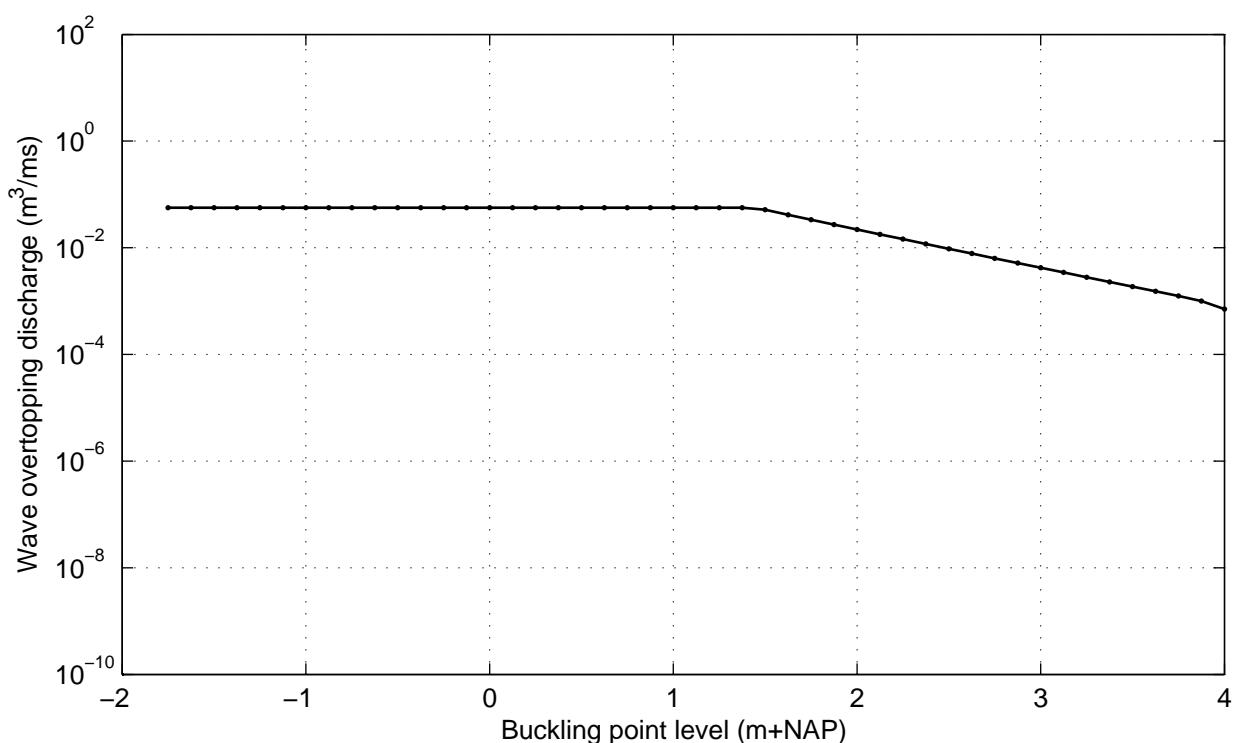
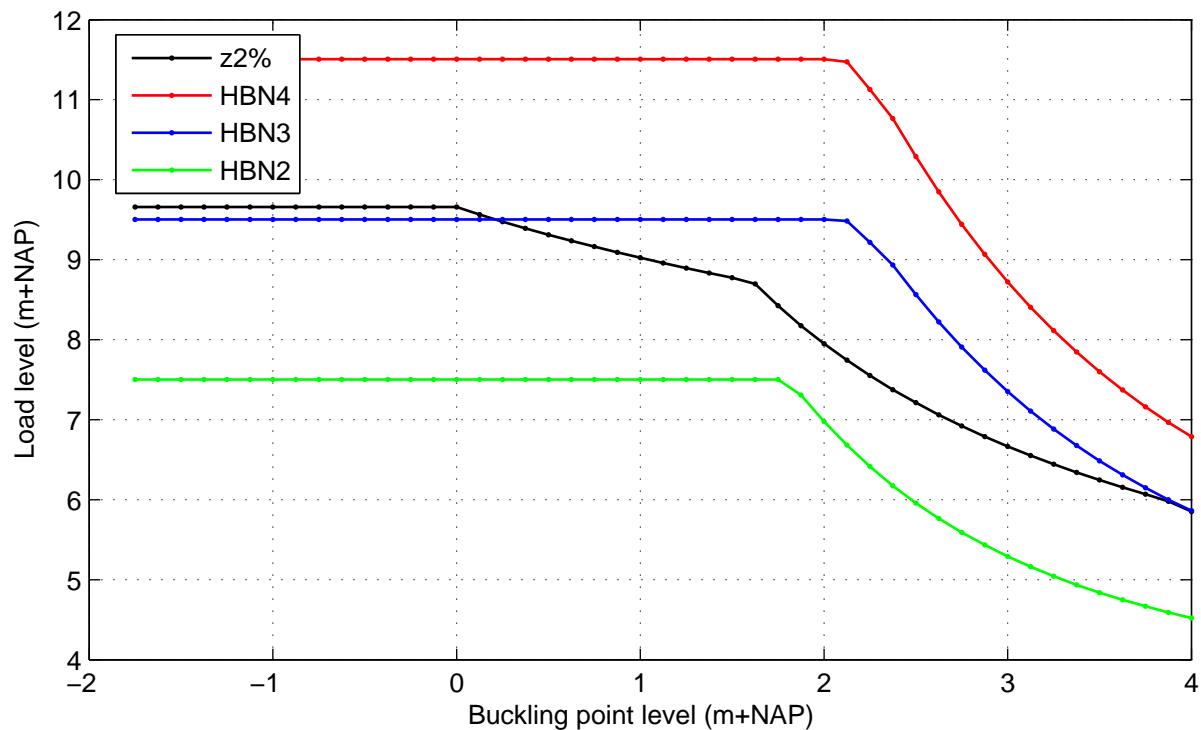
Cross section nr 2; series nr 11; Wave angle: 85 °
Varying slope upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.11



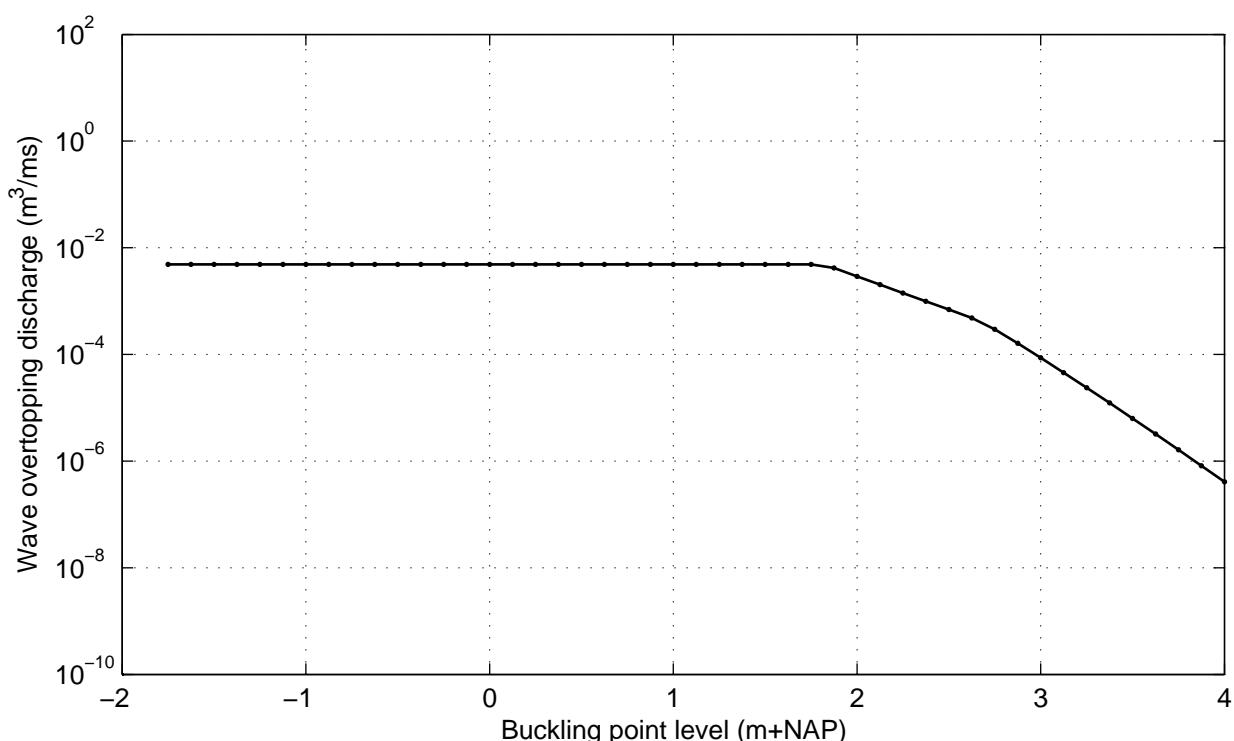
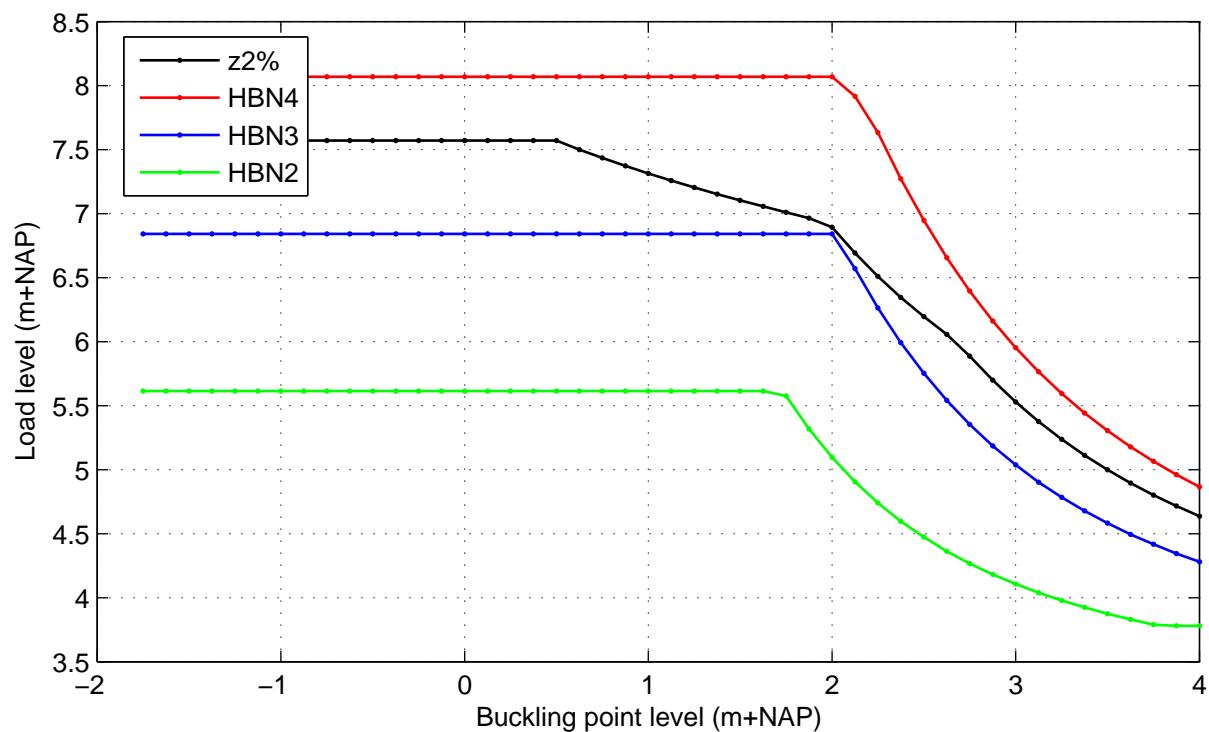
Cross section nr 2; series nr 12; Wave angle: 0 °
Varying level buckling point

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.12



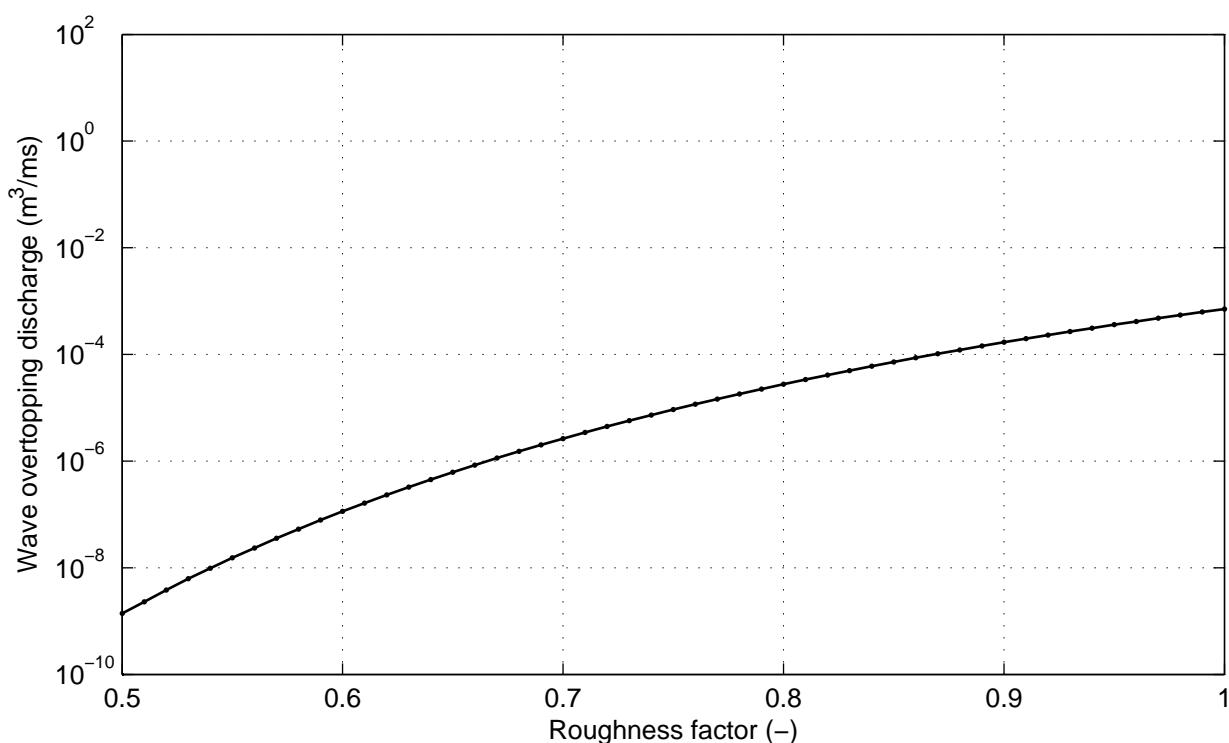
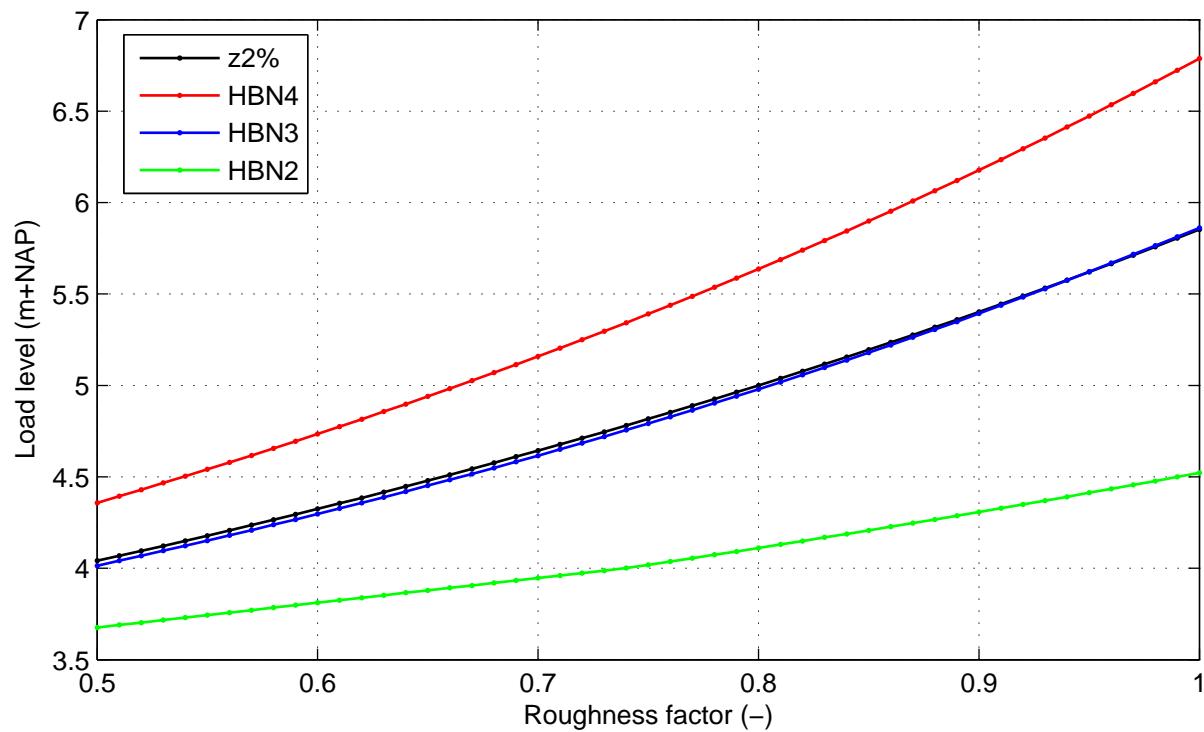
Cross section nr 2; series nr 13; Wave angle: 85 °
Varying level buckling point

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.13



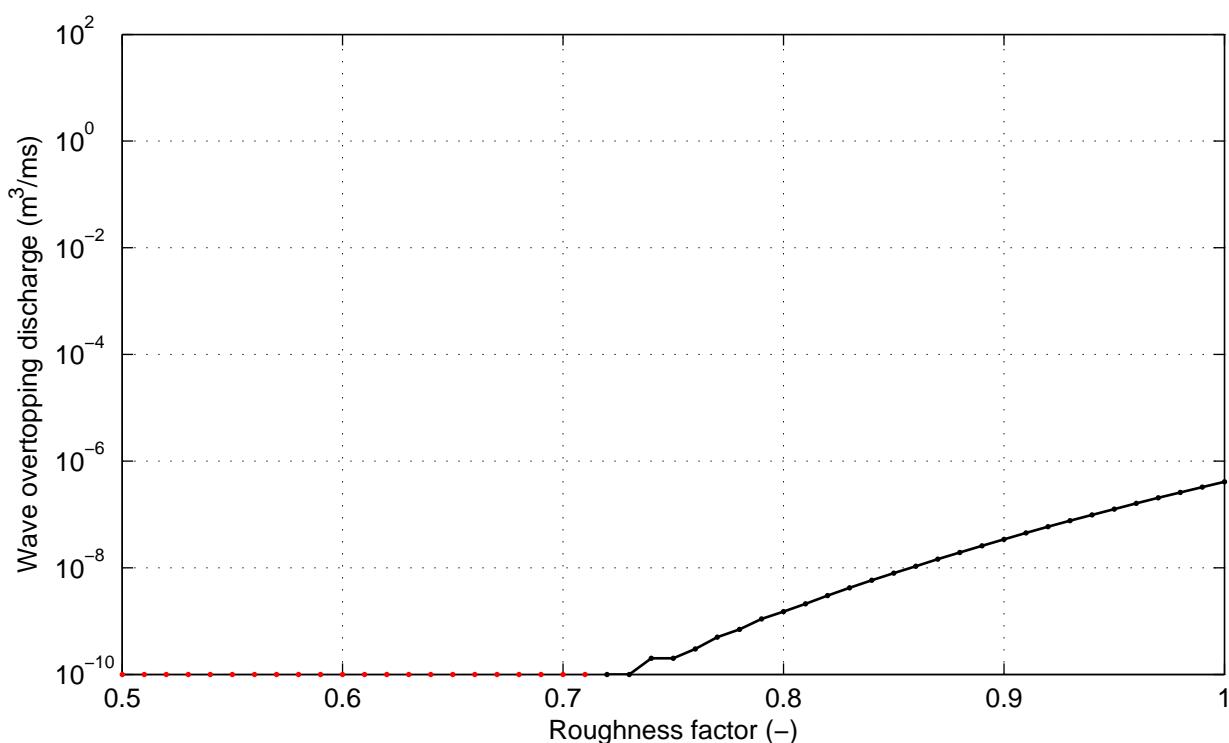
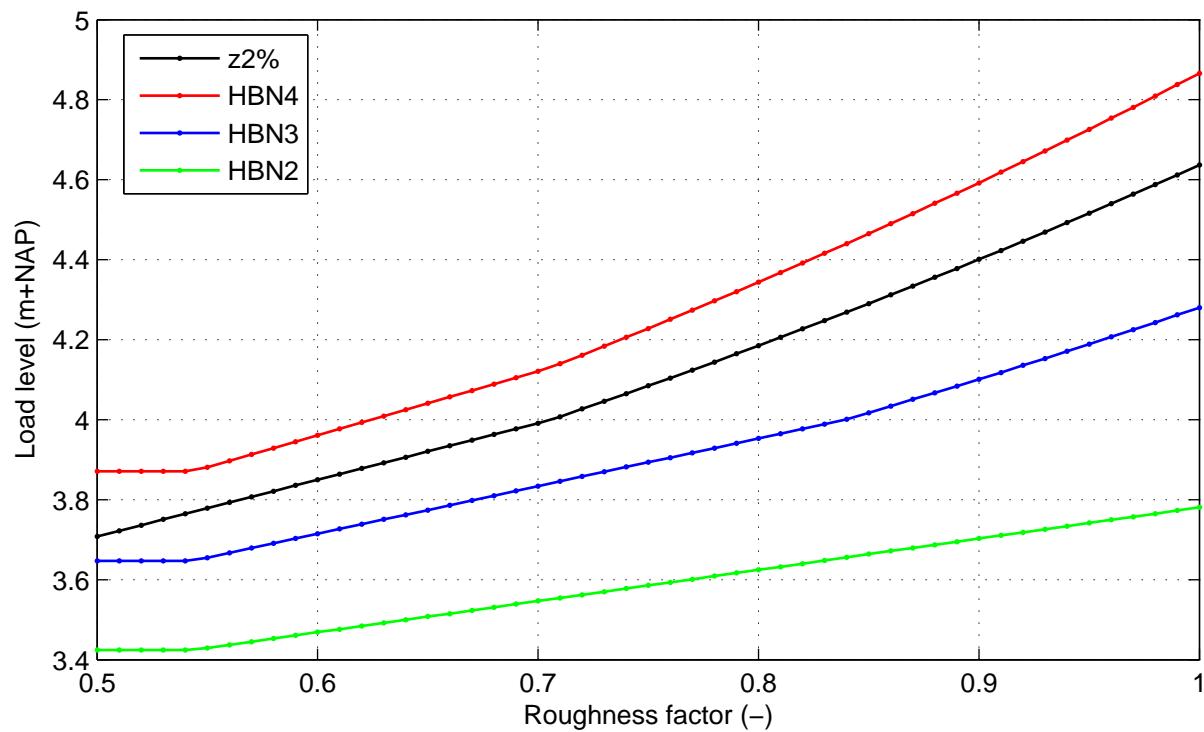
Cross section nr 2; series nr 14; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.14



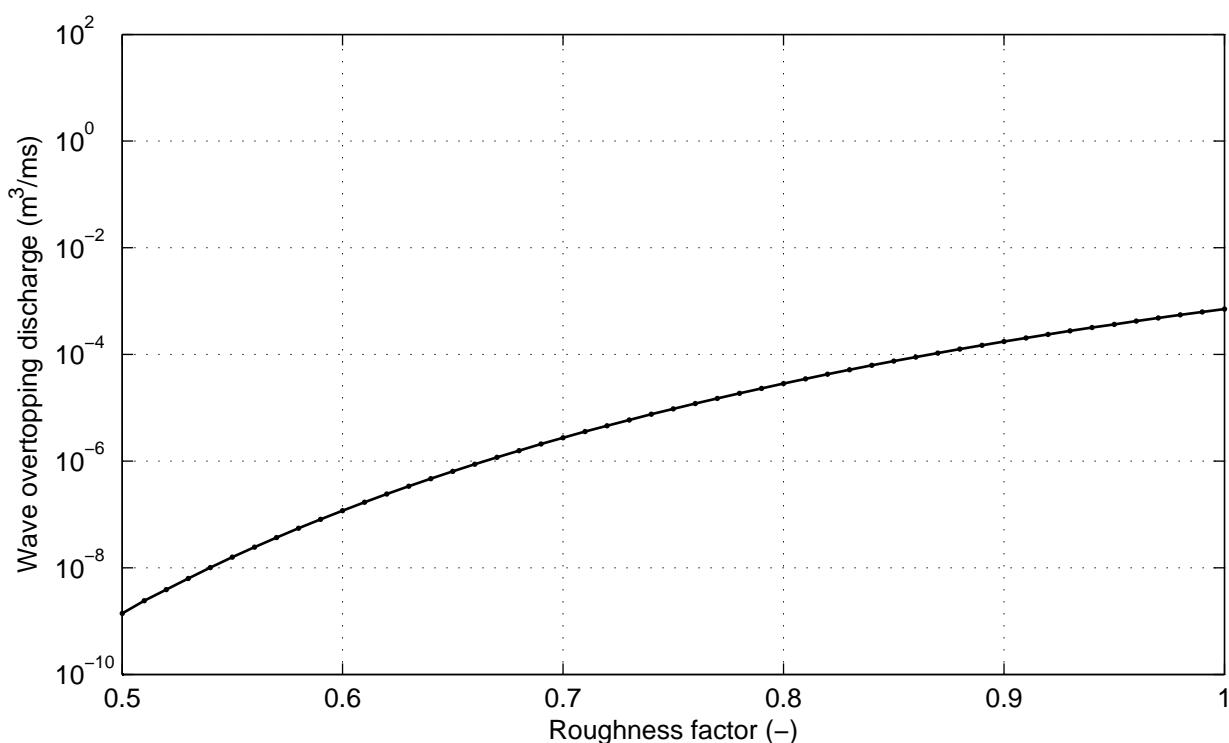
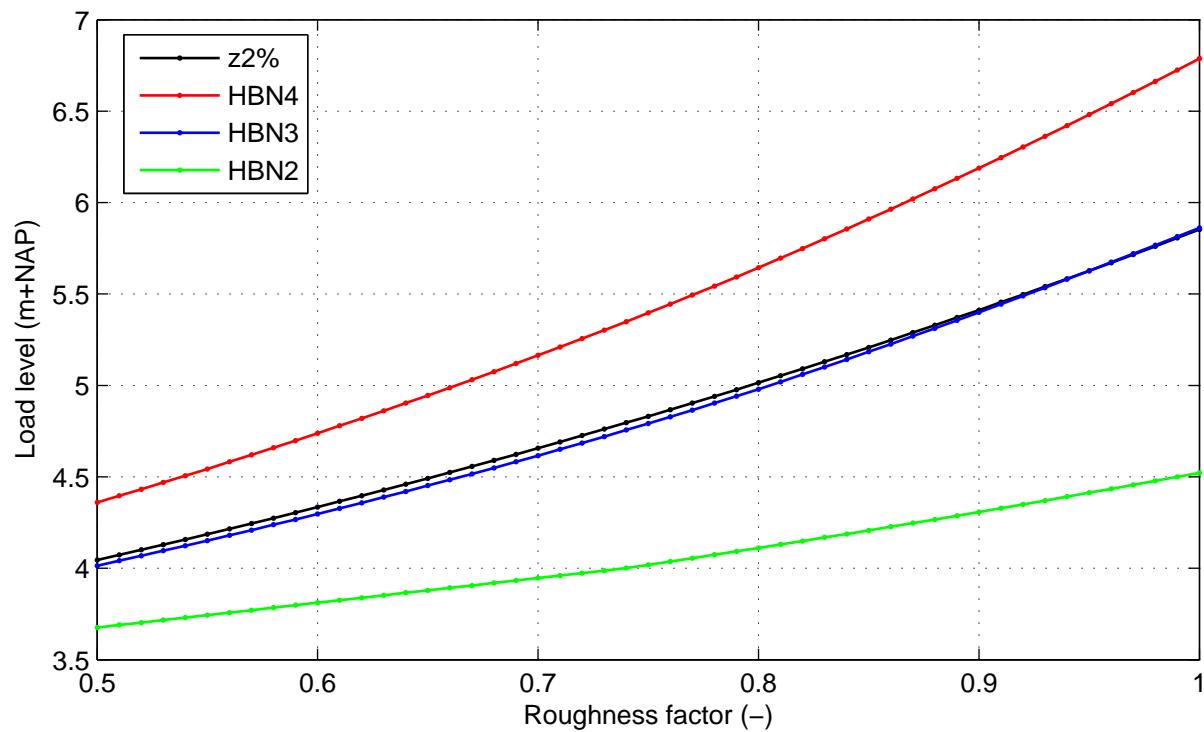
Cross section nr 2; series nr 15; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.15



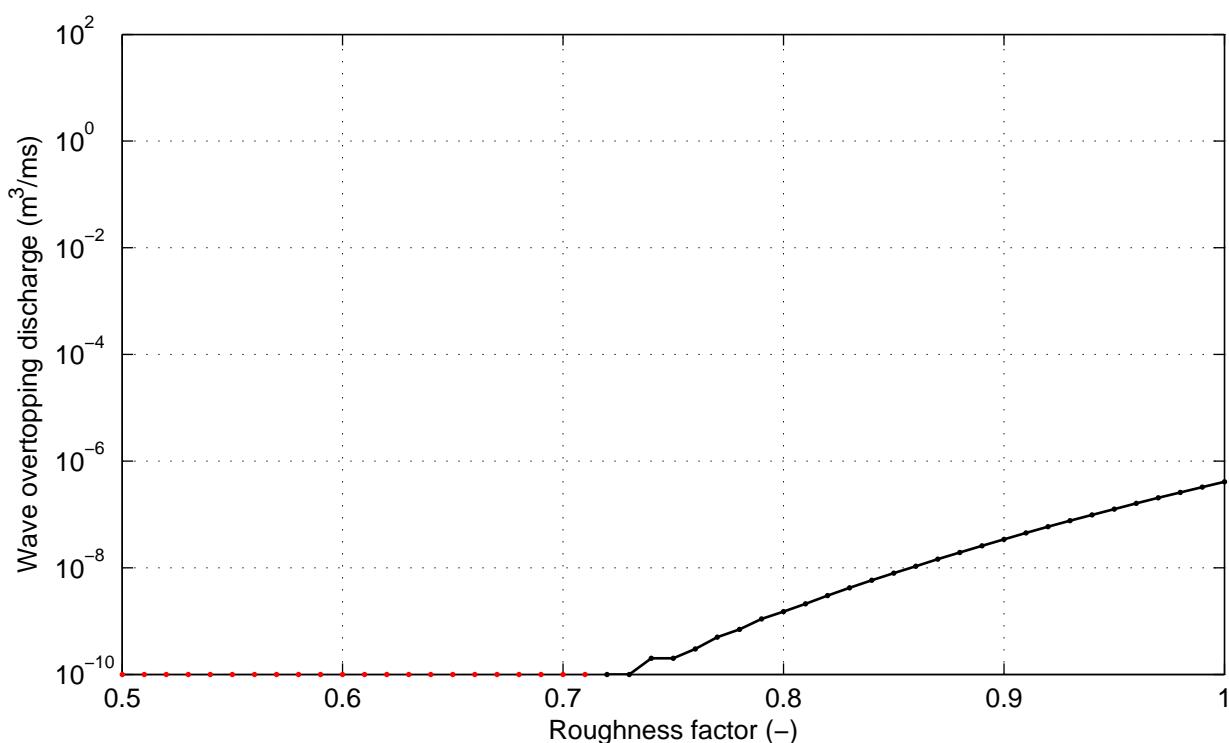
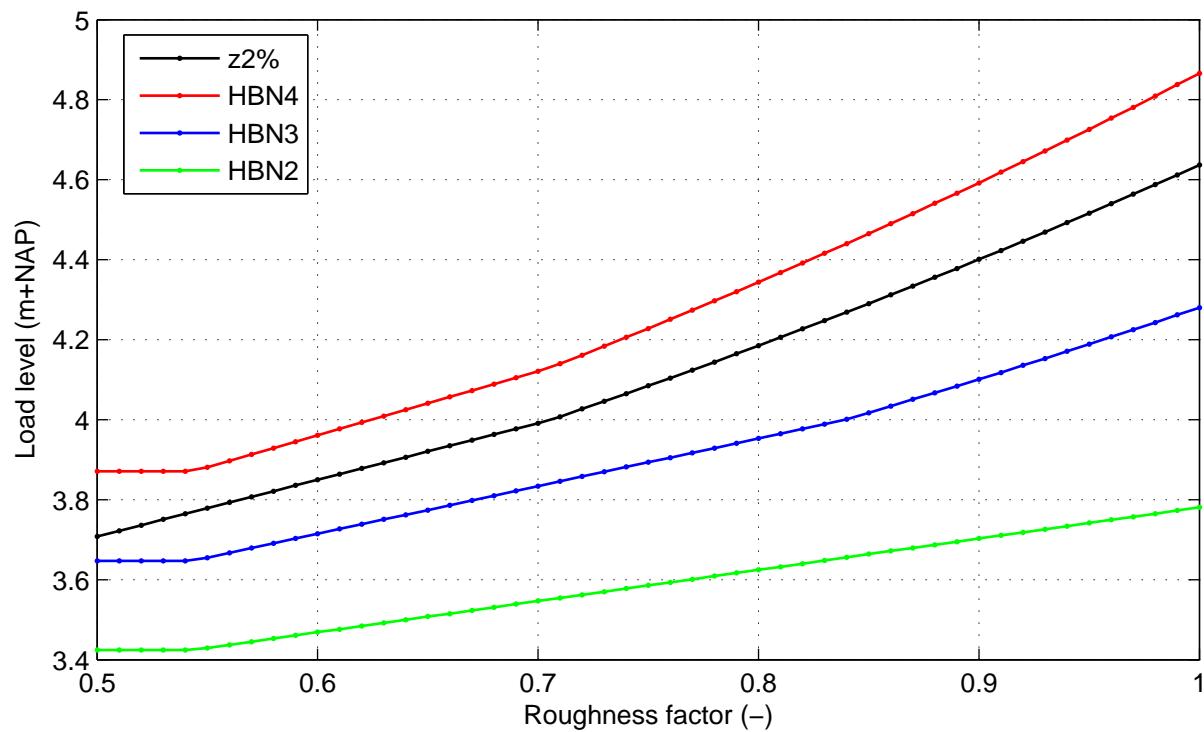
Cross section nr 2; series nr 16; Wave angle: 0 °
Varying roughness lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.16



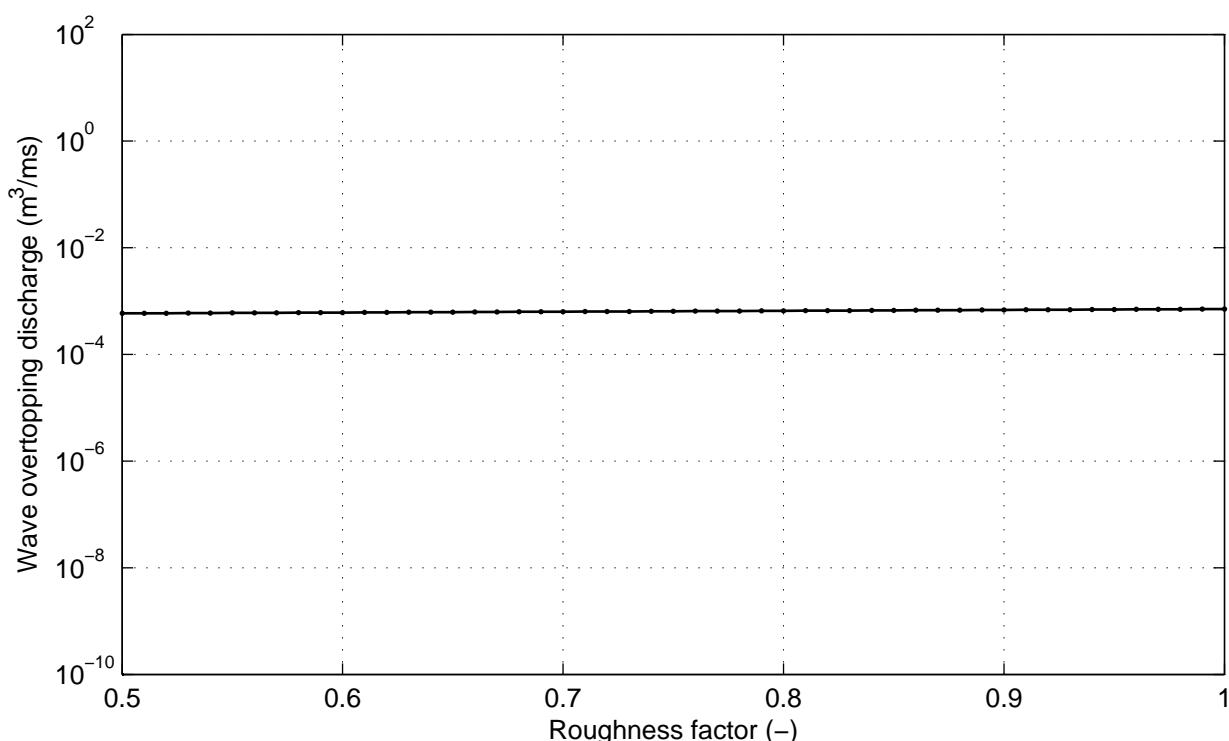
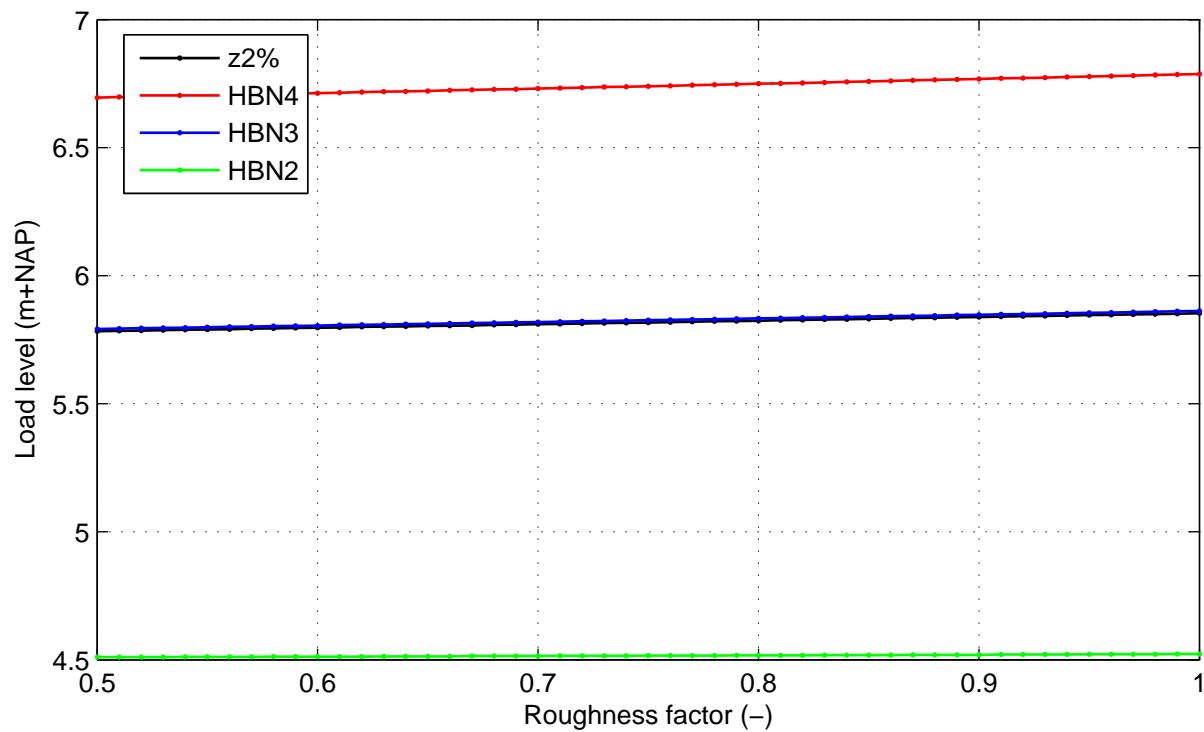
Cross section nr 2; series nr 17; Wave angle: 85 °
Varying roughness lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.17



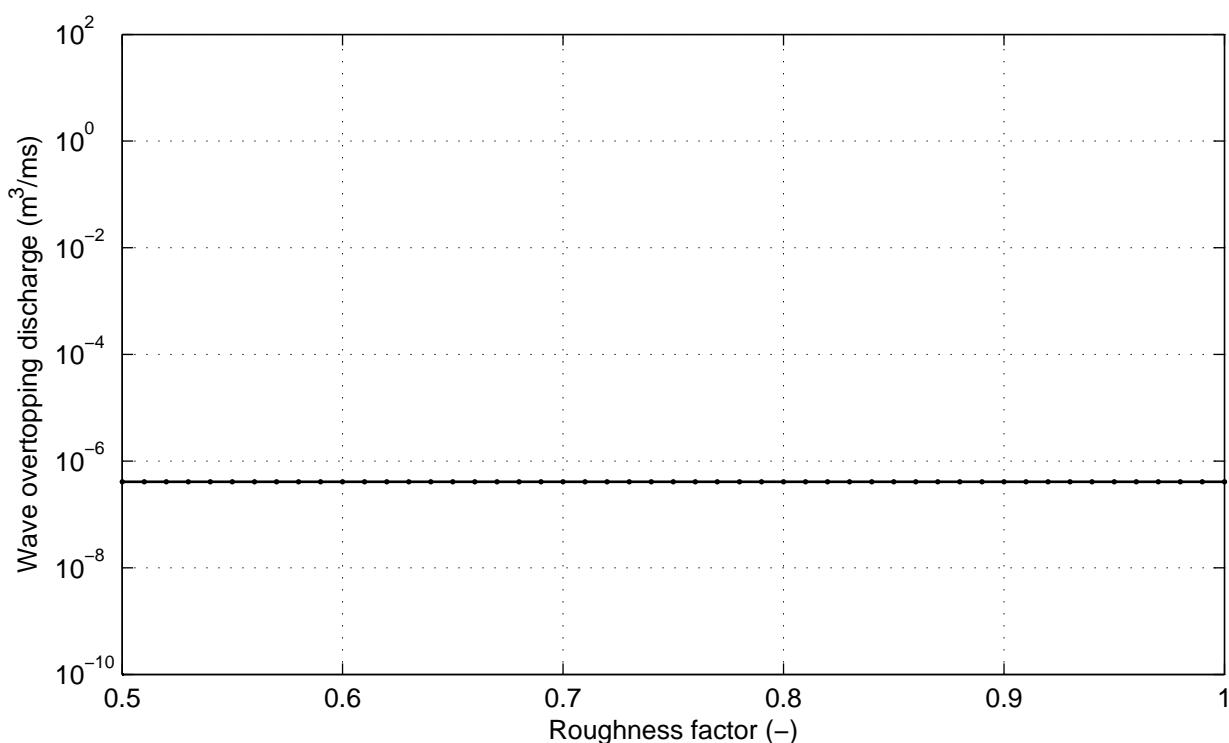
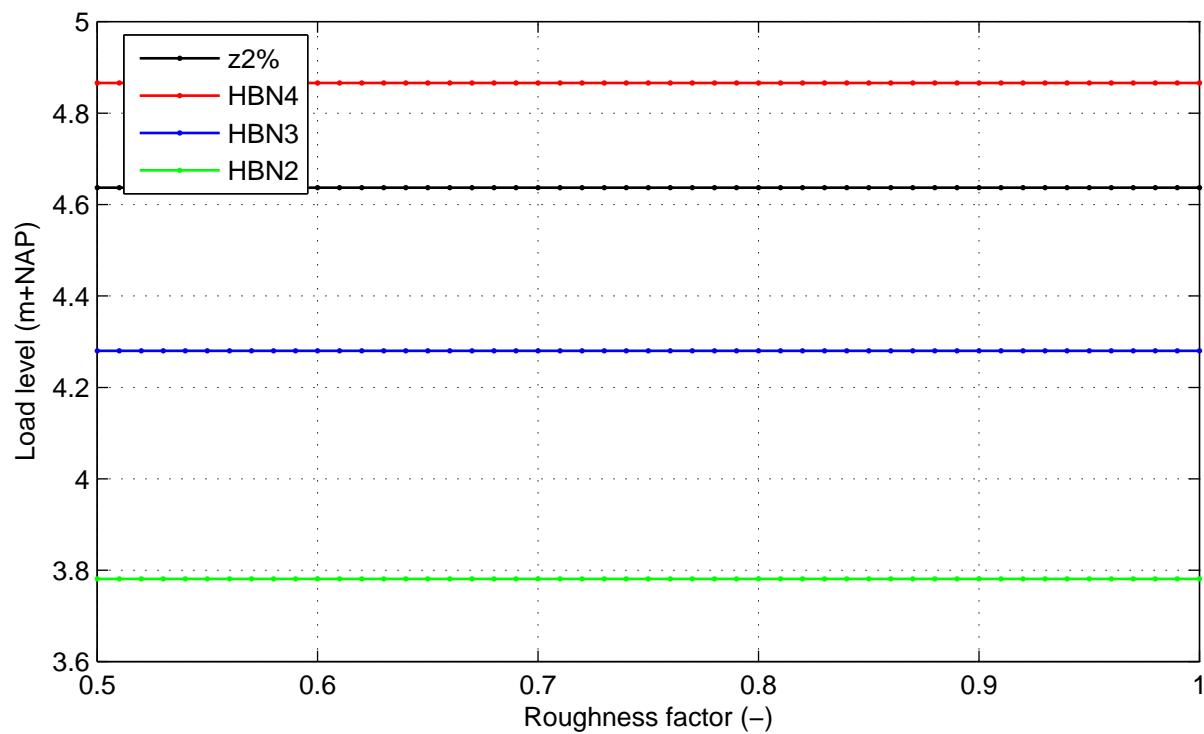
Cross section nr 2; series nr 18; Wave angle: 0 °
Varying roughness upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.18



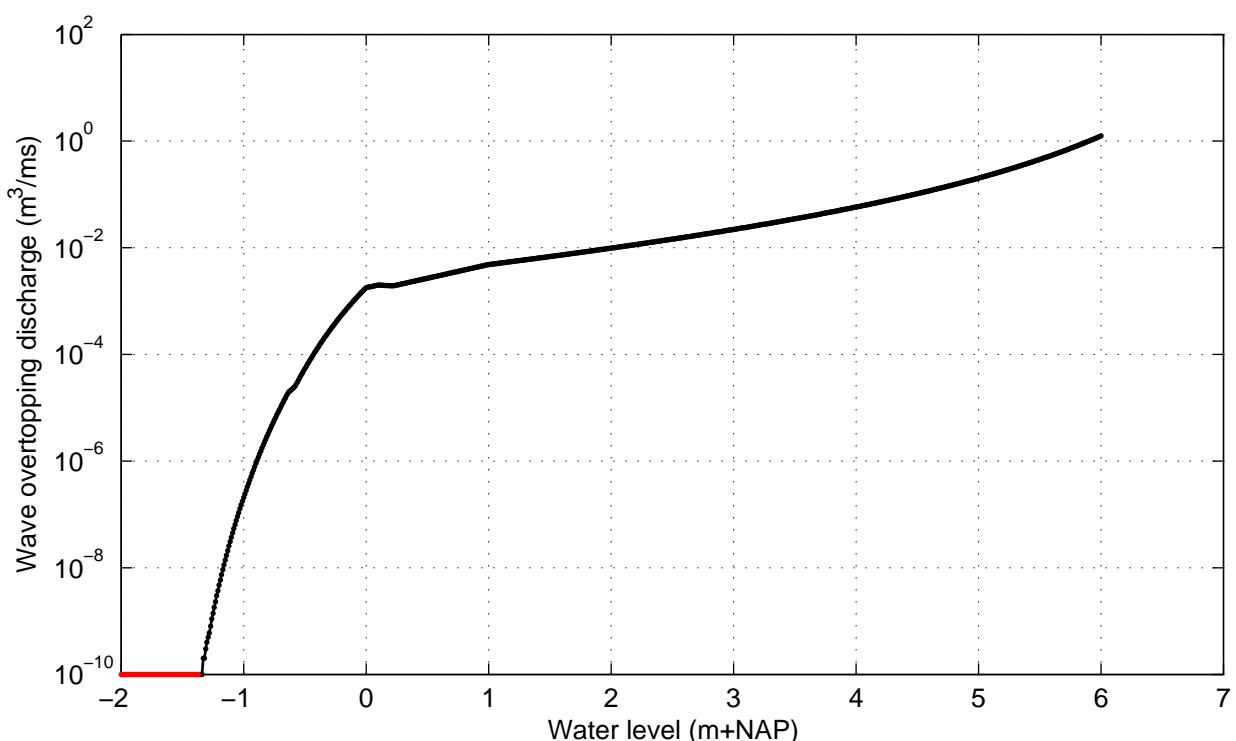
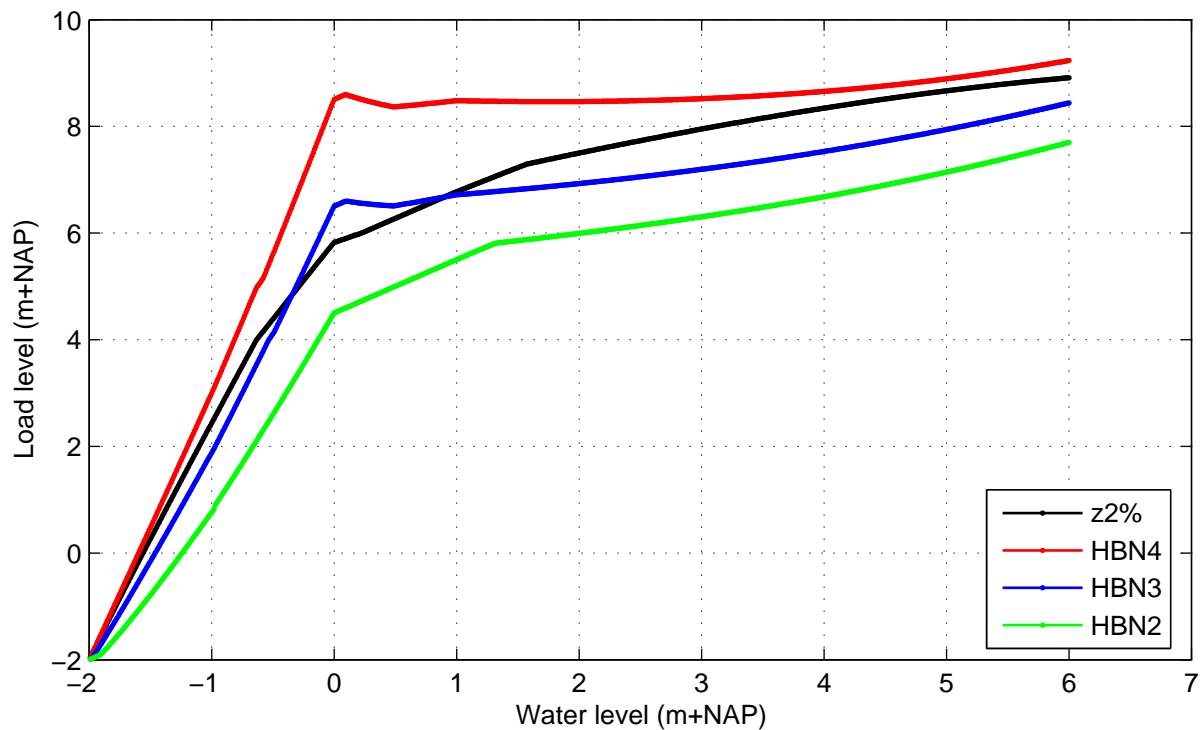
Cross section nr 2; series nr 19; Wave angle: 85 °
Varying roughness upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 2.19



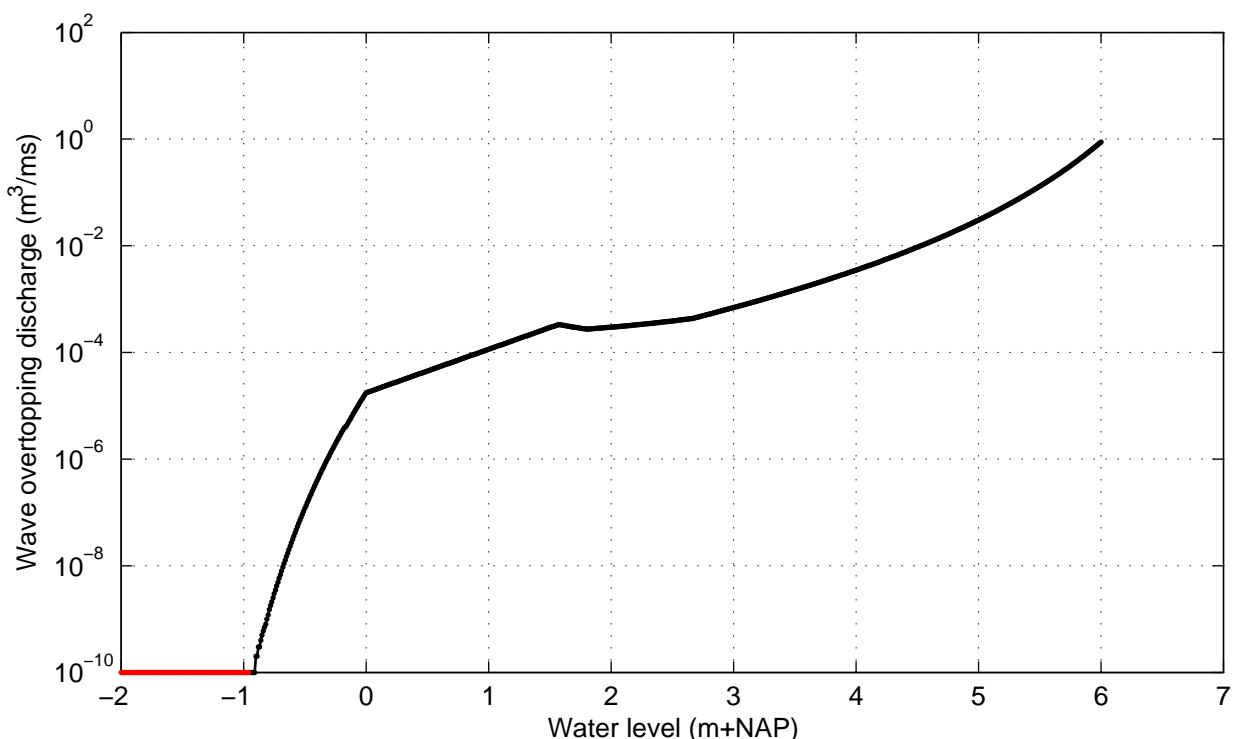
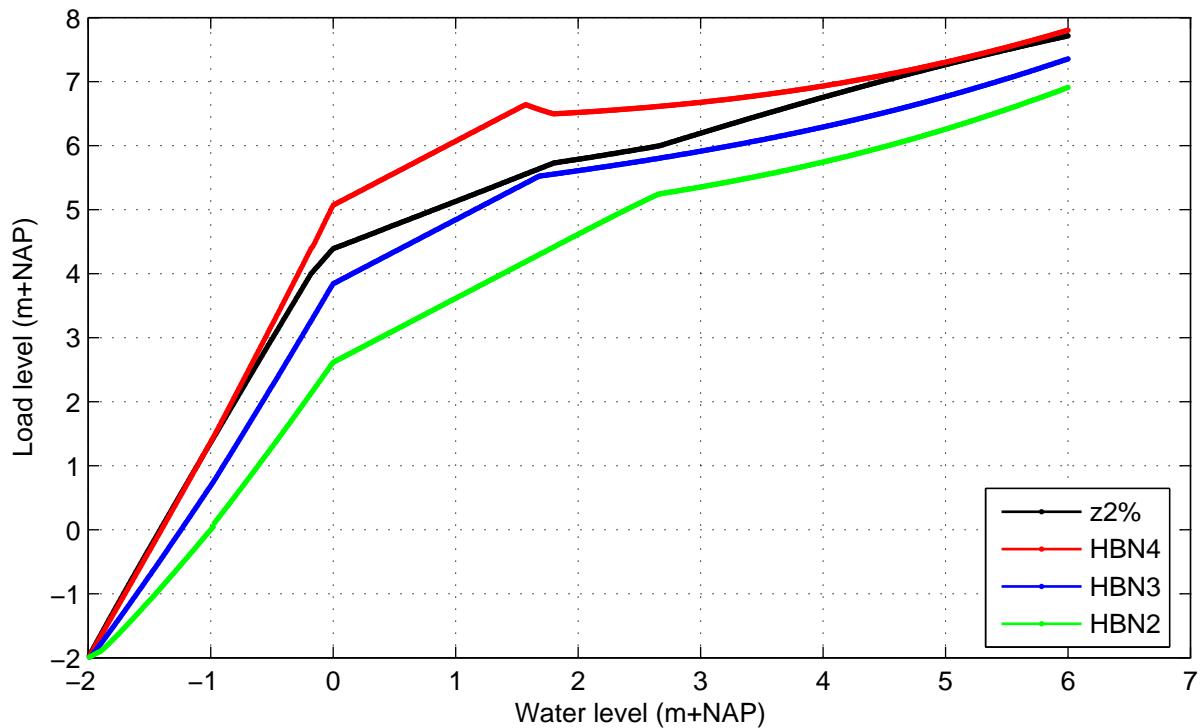
Cross section nr 3; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.1



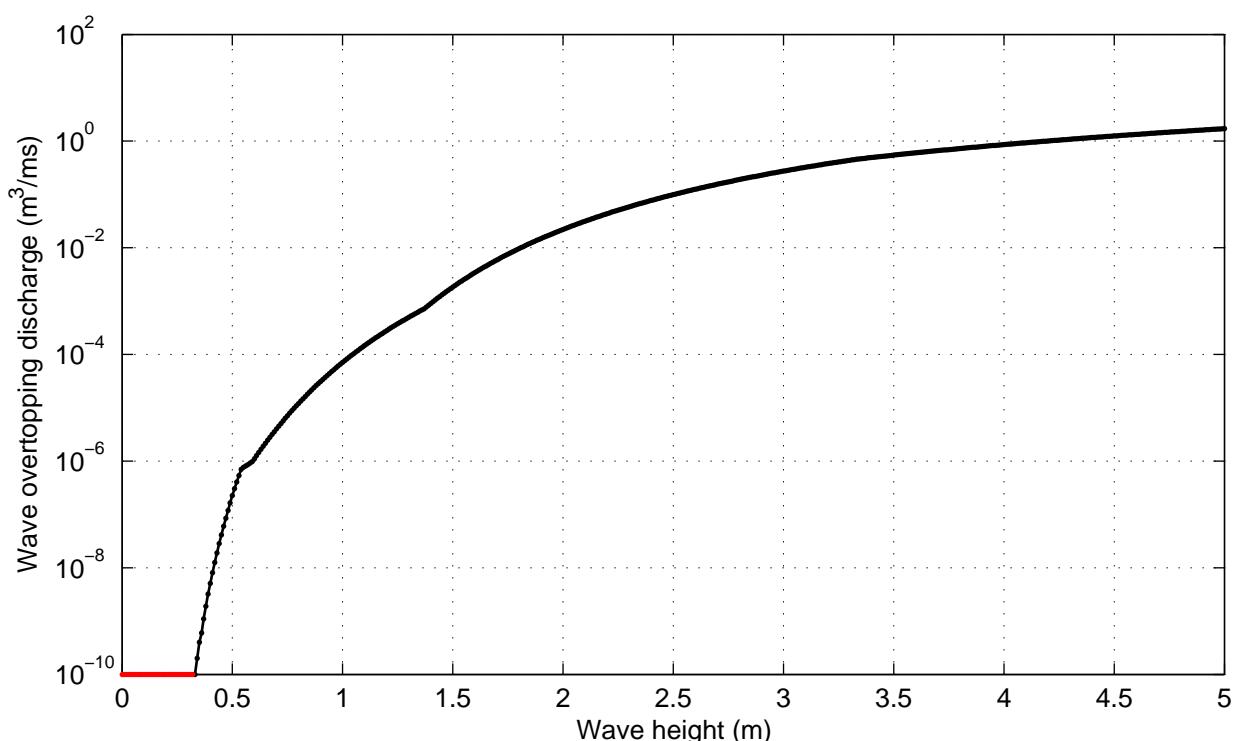
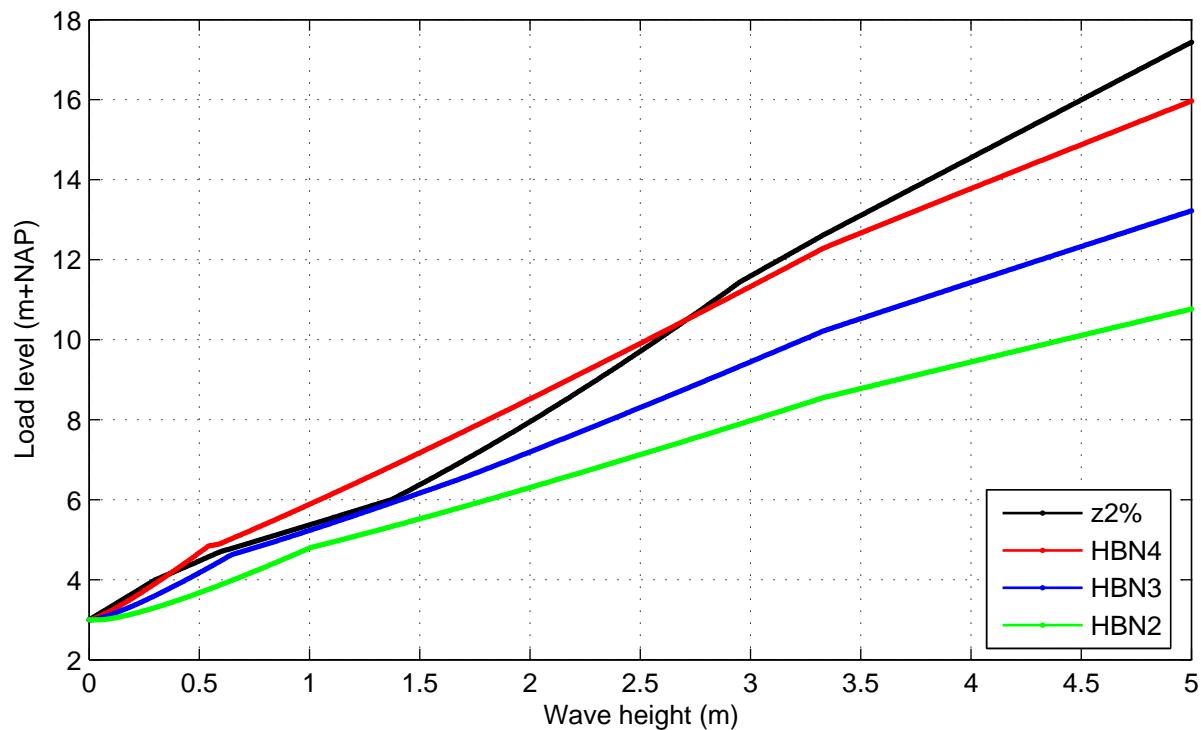
Cross section nr 3; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.2



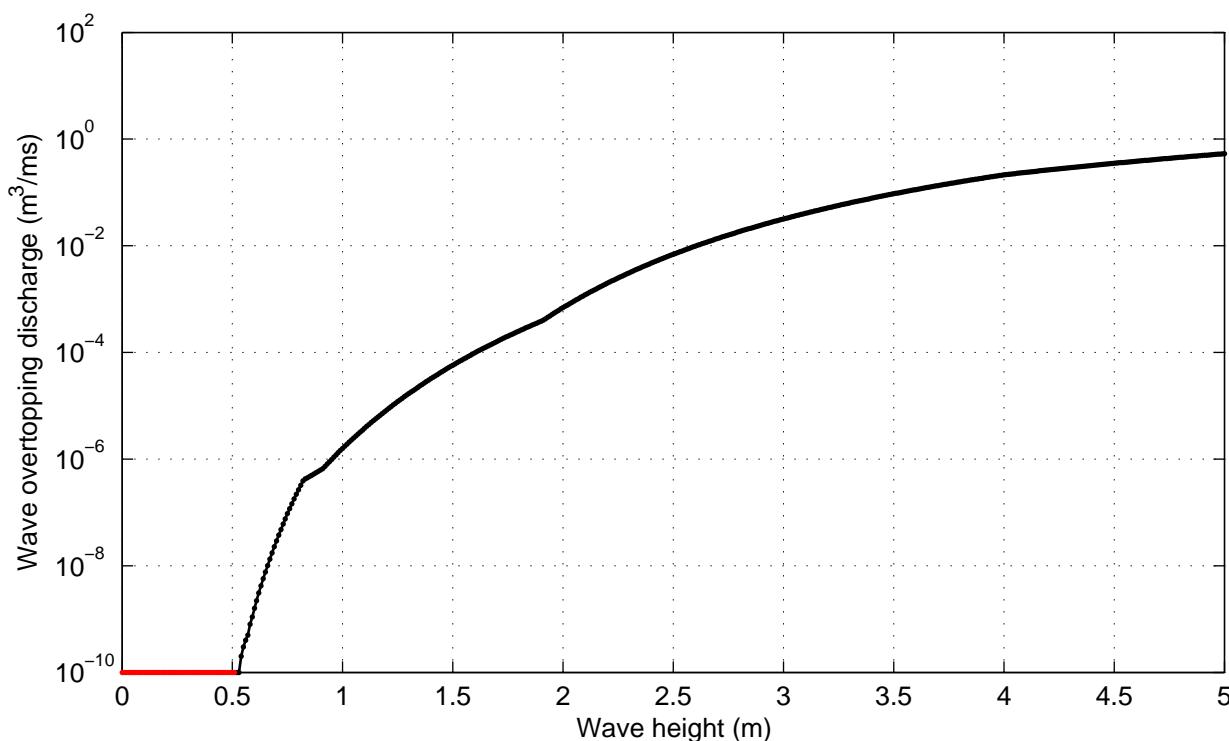
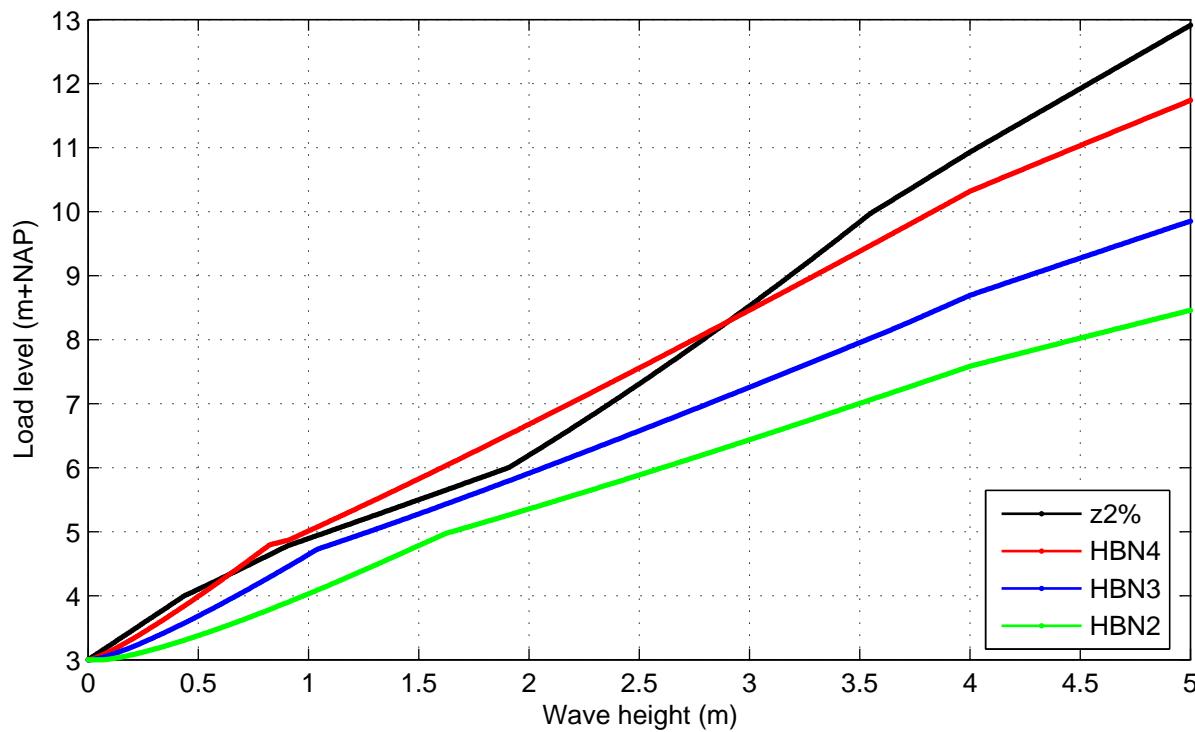
Cross section nr 3; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.3



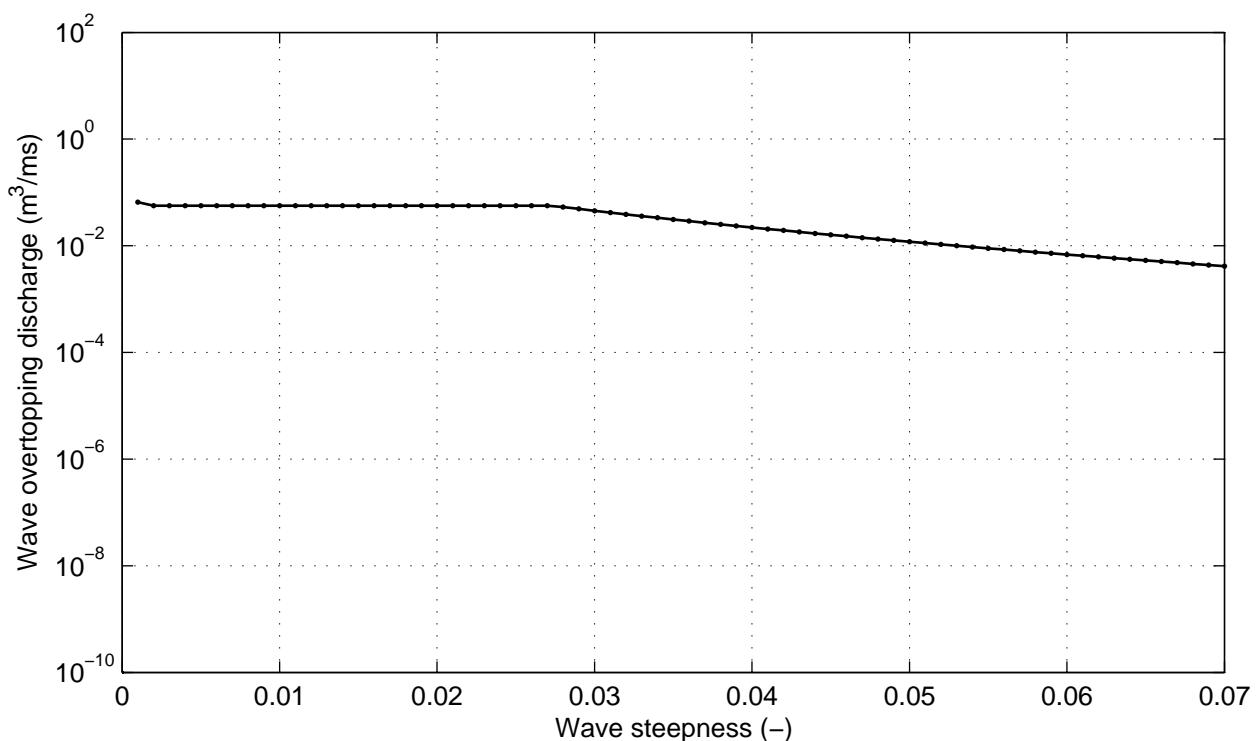
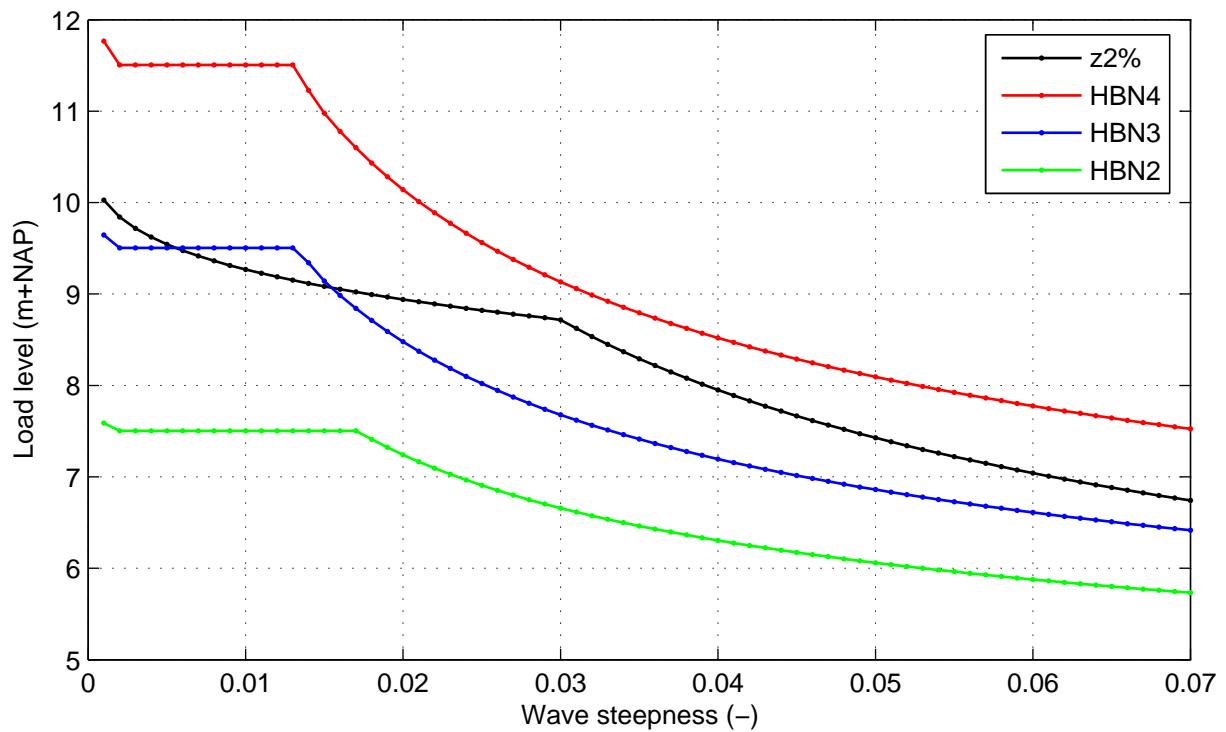
Cross section nr 3; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.4



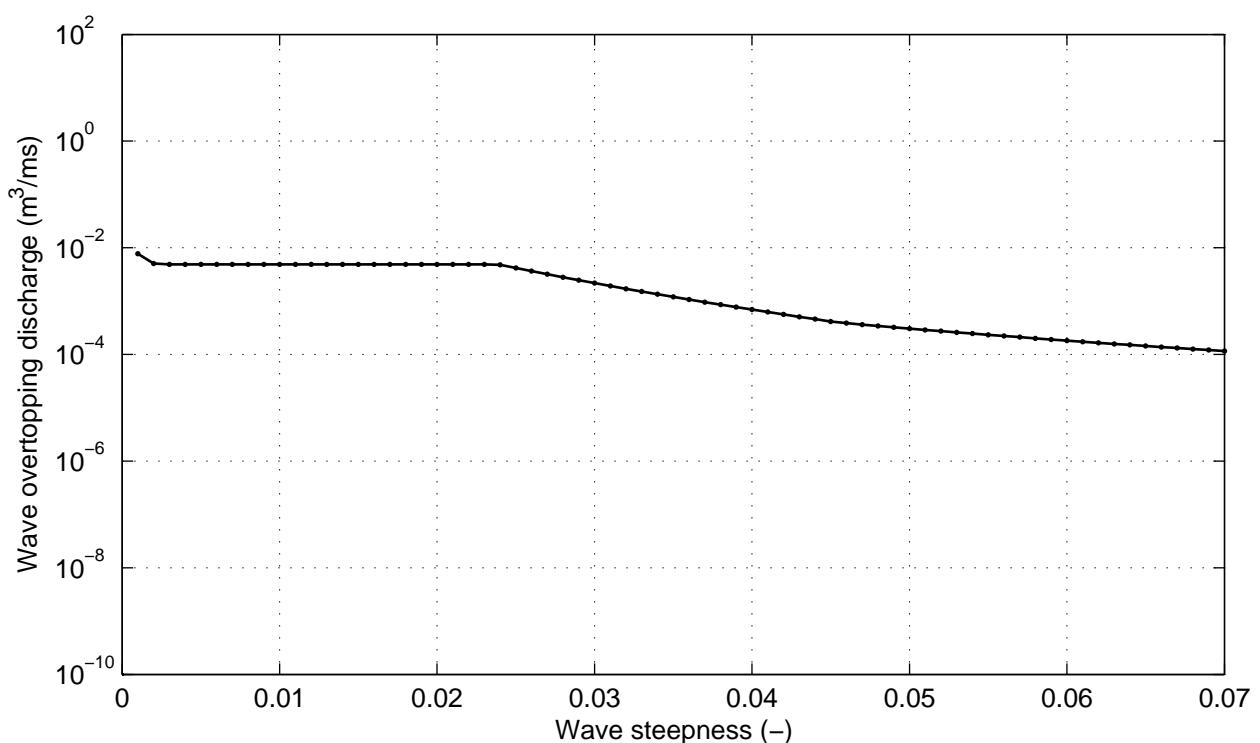
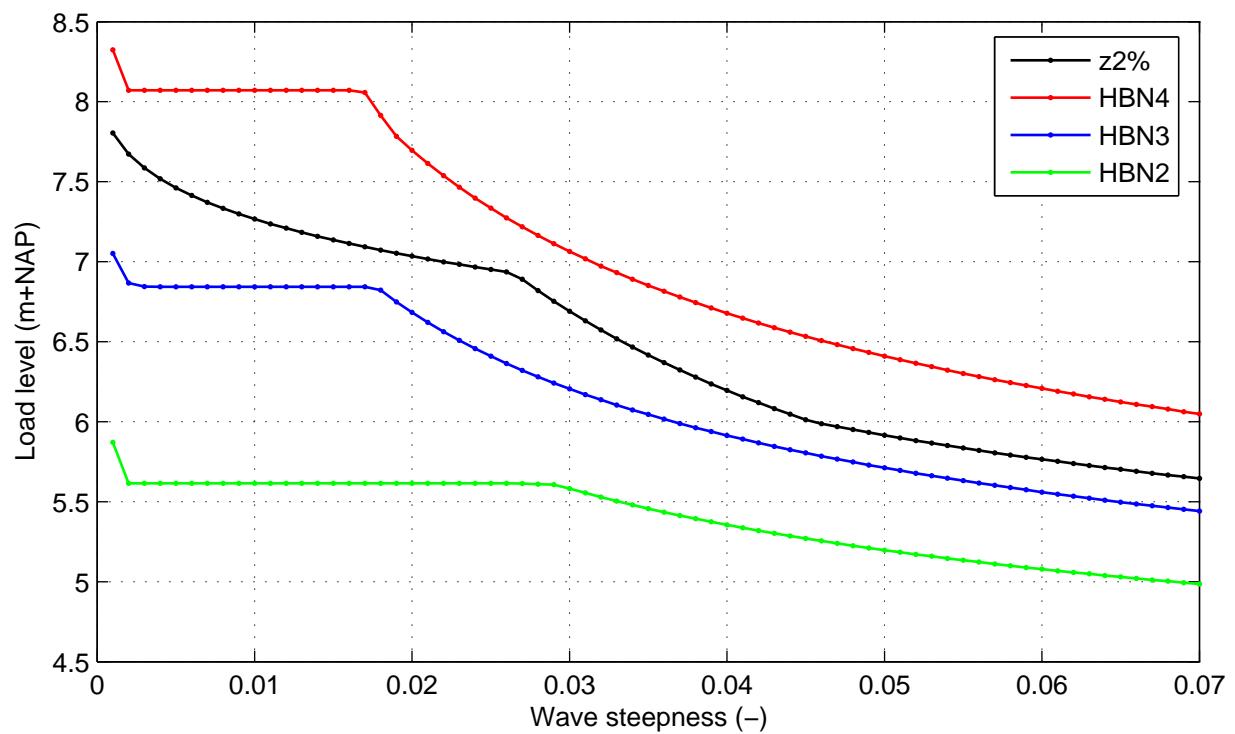
Cross section nr 3; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.5



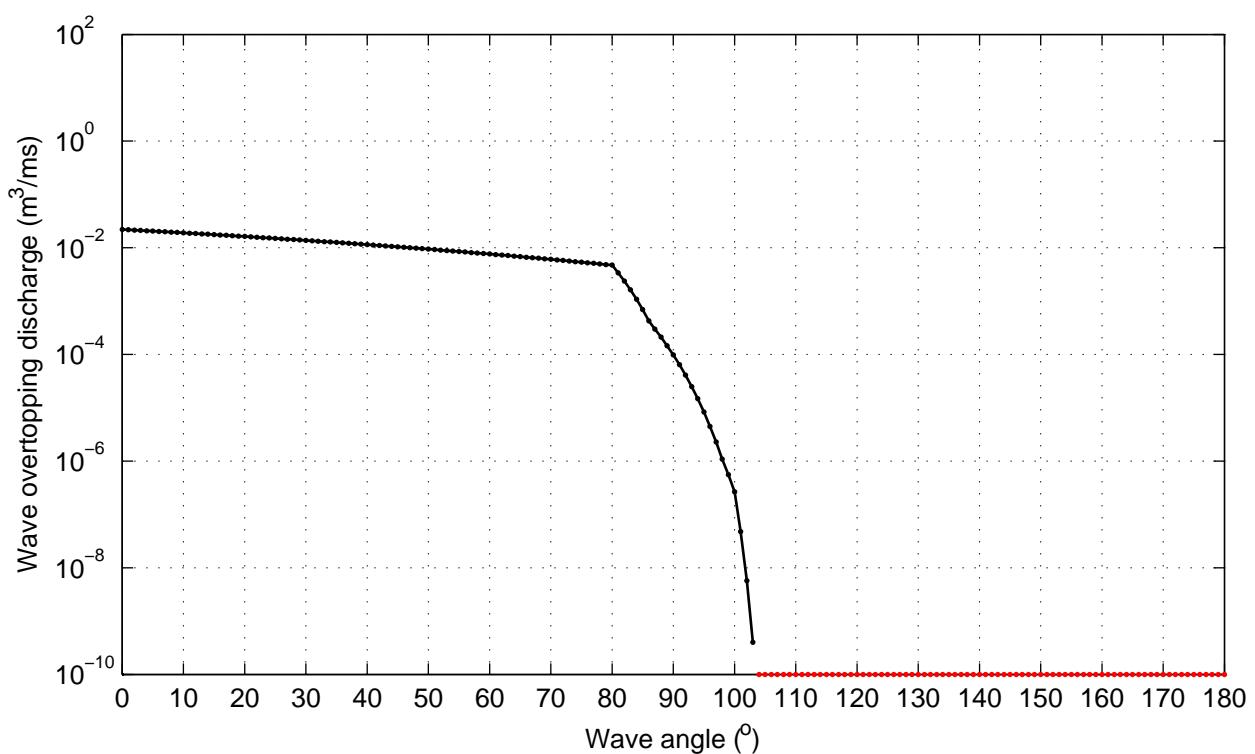
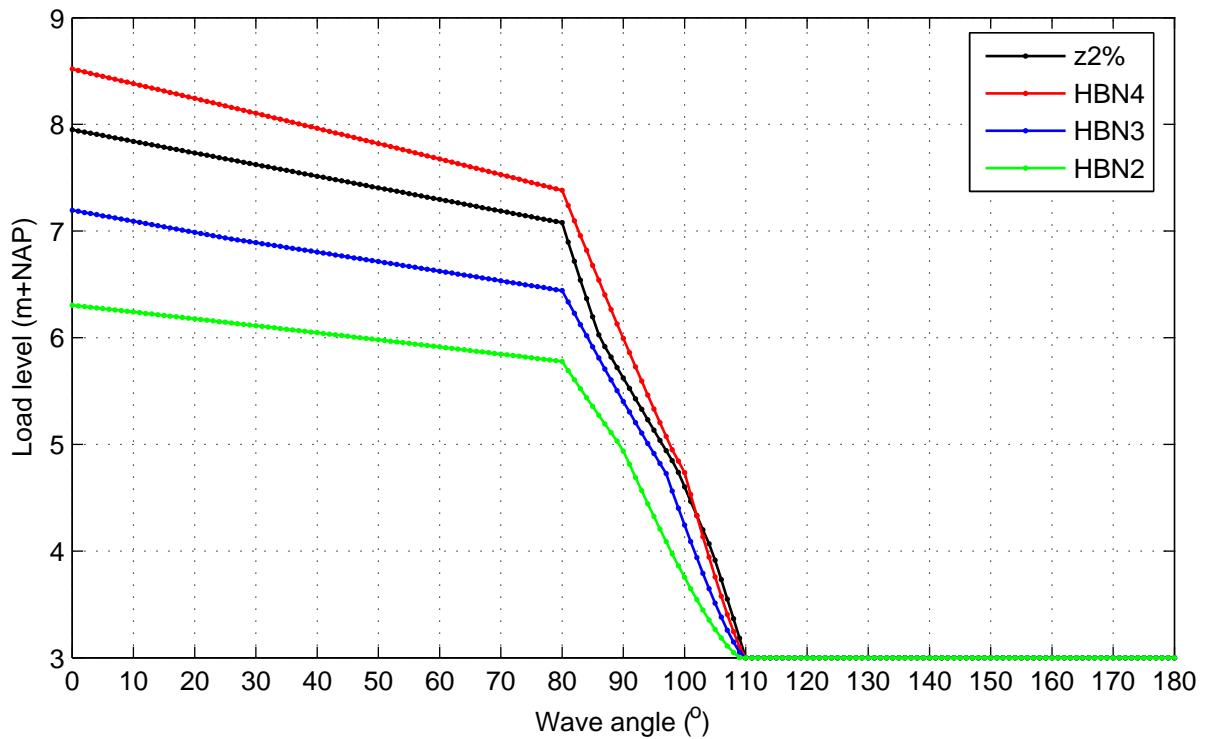
Cross section nr 3; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.6



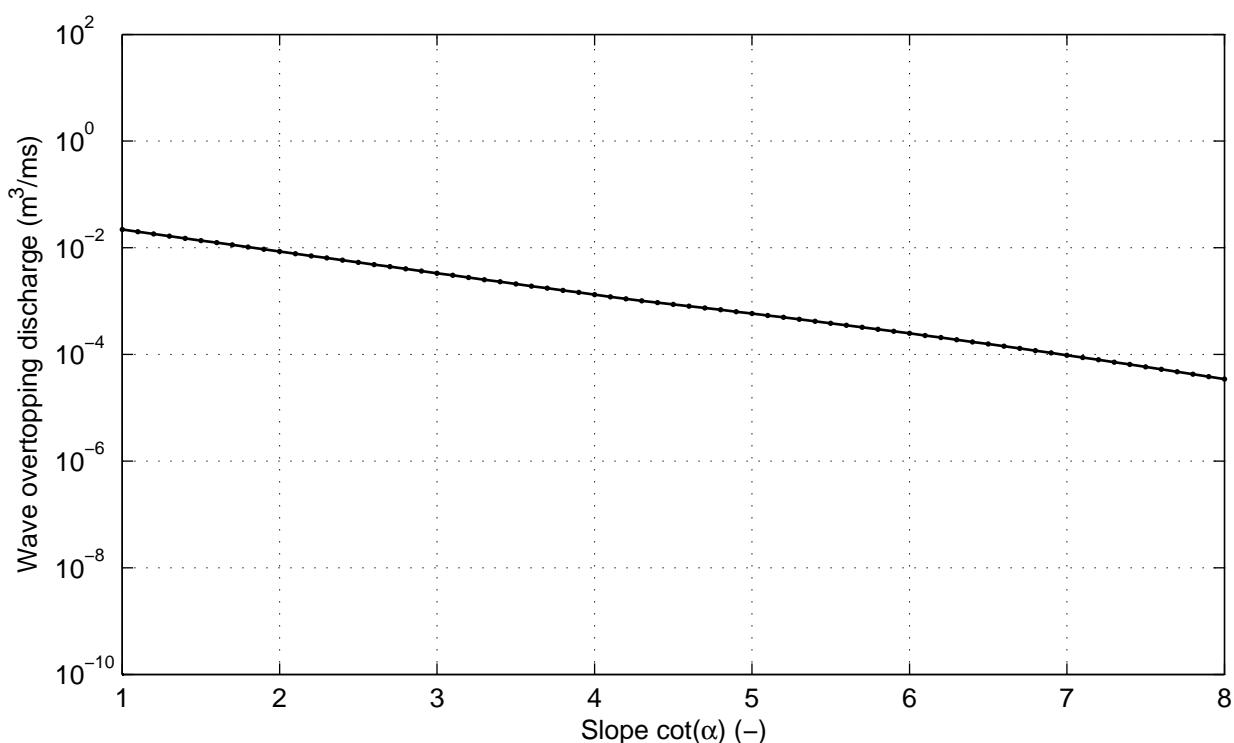
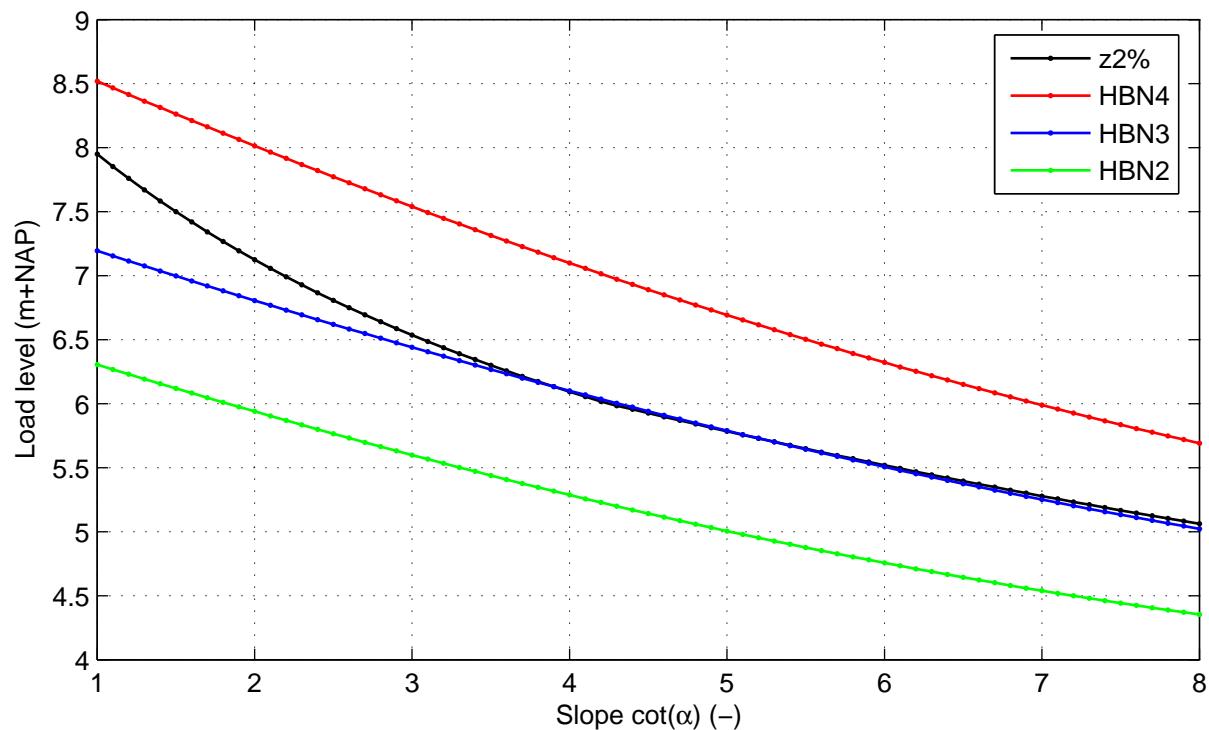
Cross section nr 3; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.7



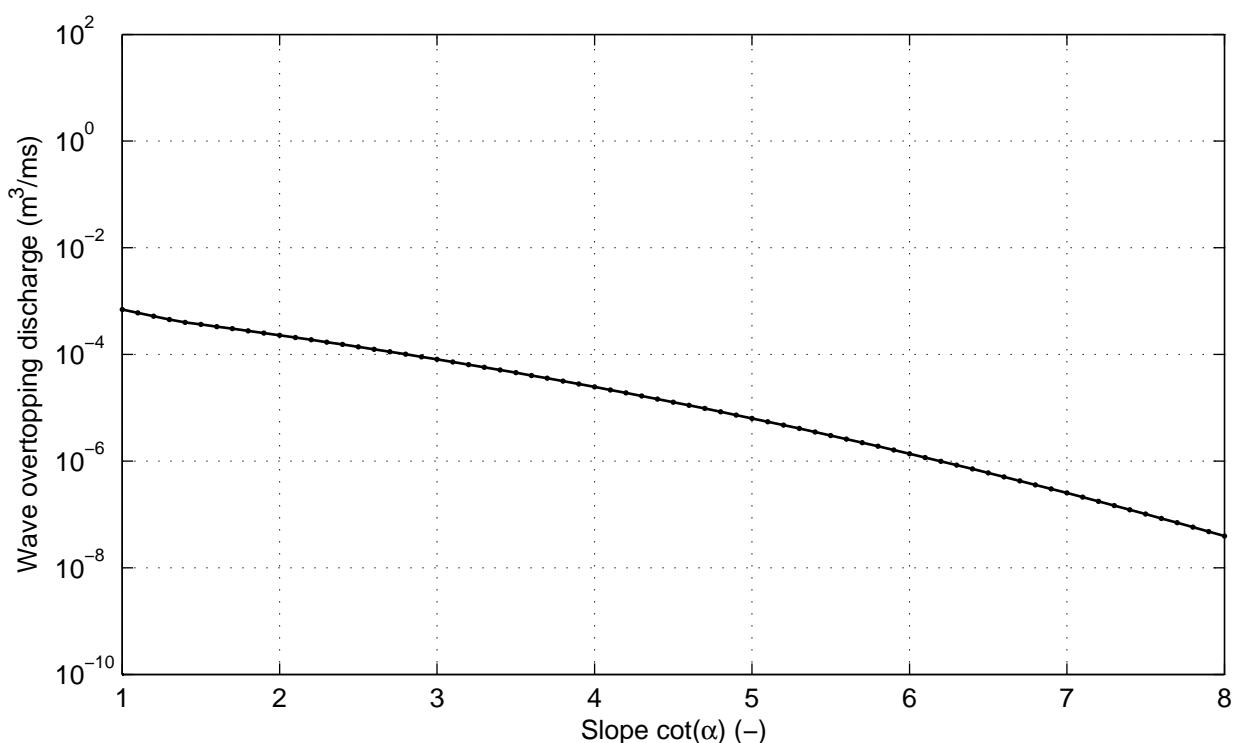
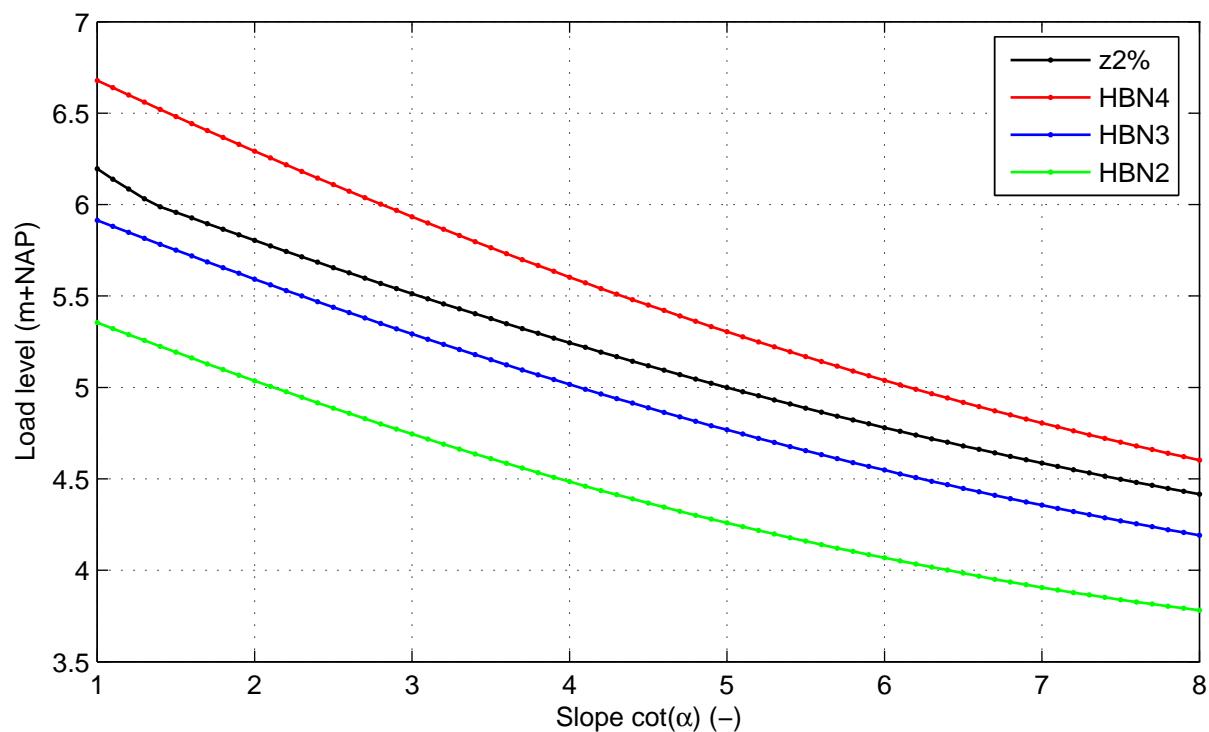
Cross section nr 3; series nr 8; Wave angle: 0 °
Varying slope lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.8



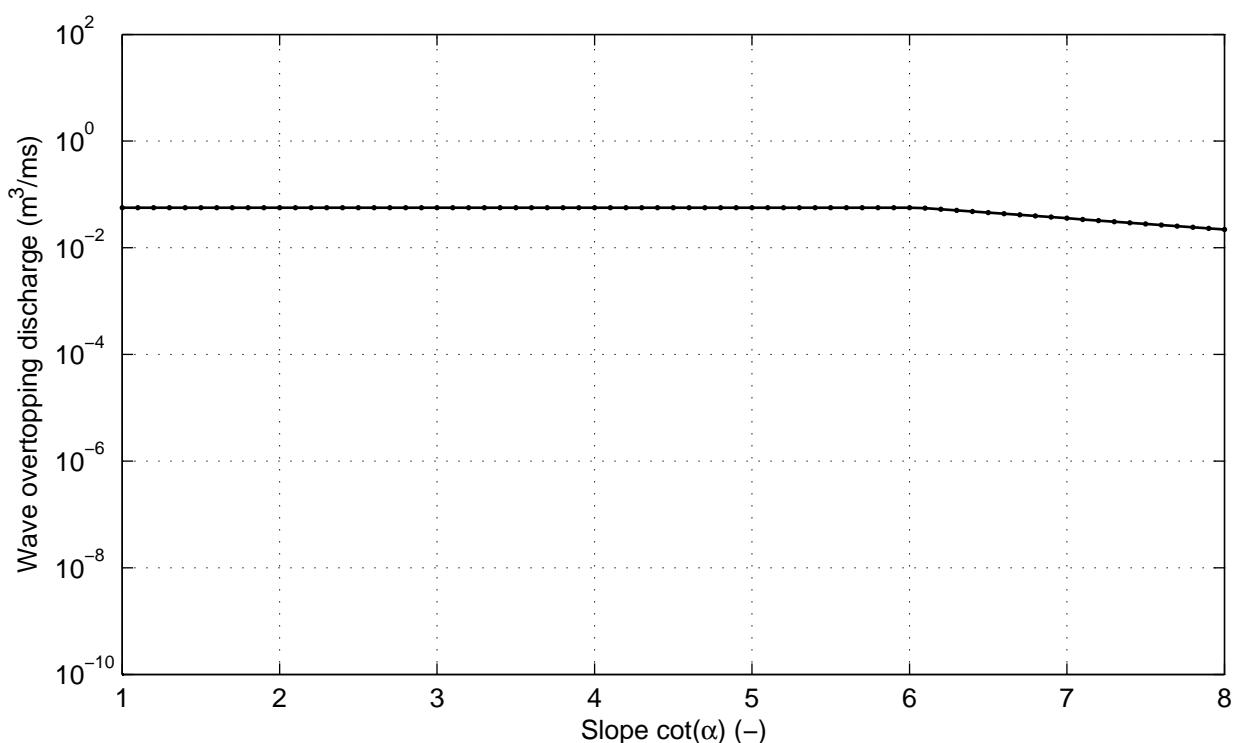
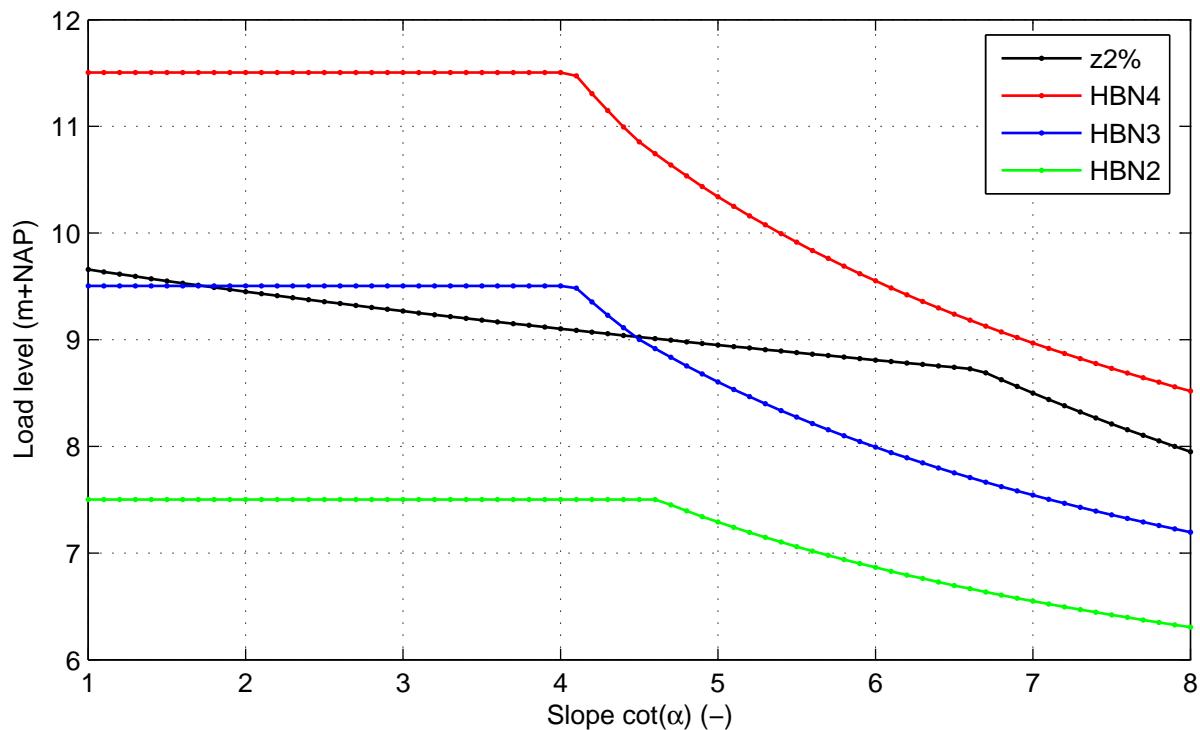
Cross section nr 3; series nr 9; Wave angle: 85 °
Varying slope lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.9



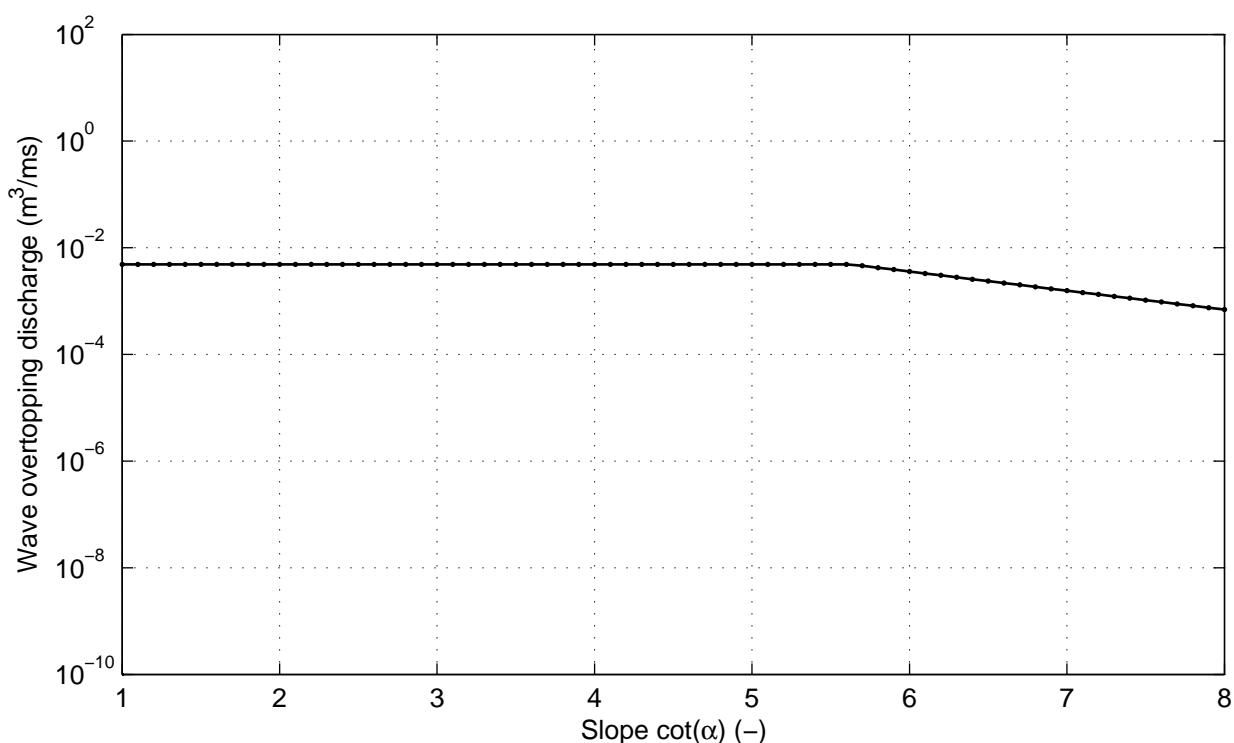
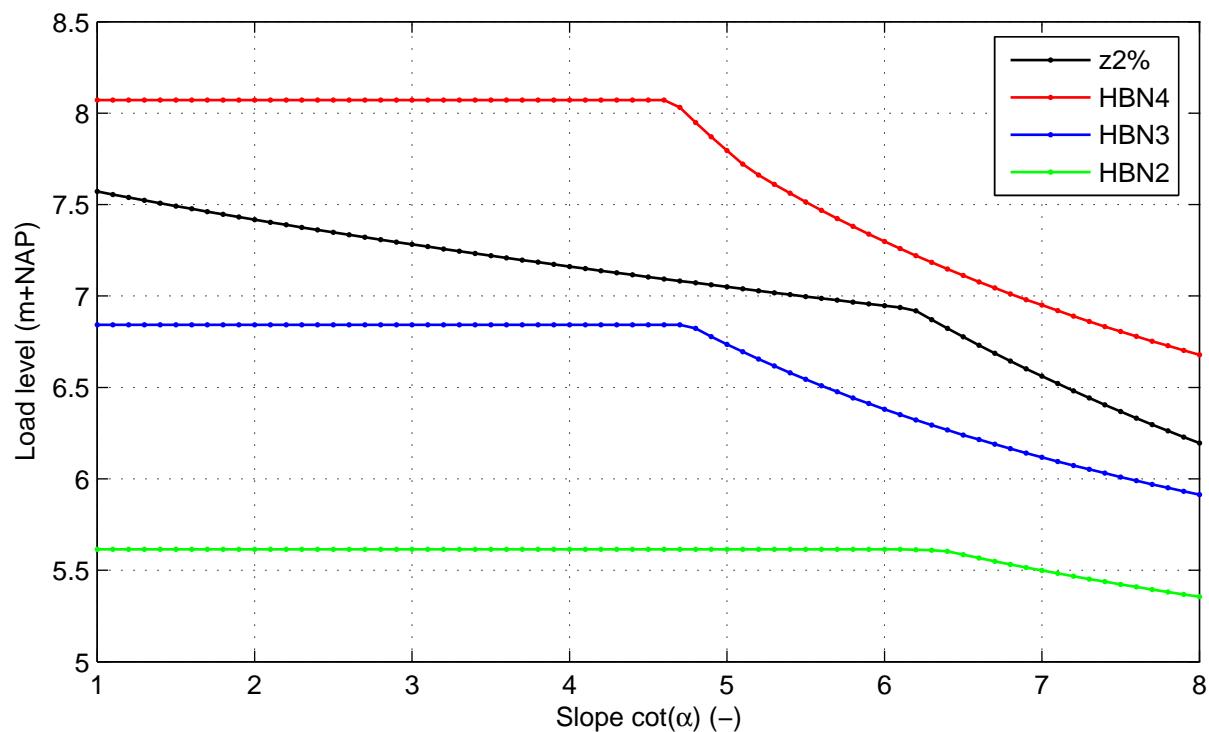
Cross section nr 3; series nr 10; Wave angle: 0 °
Varying slope upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.10



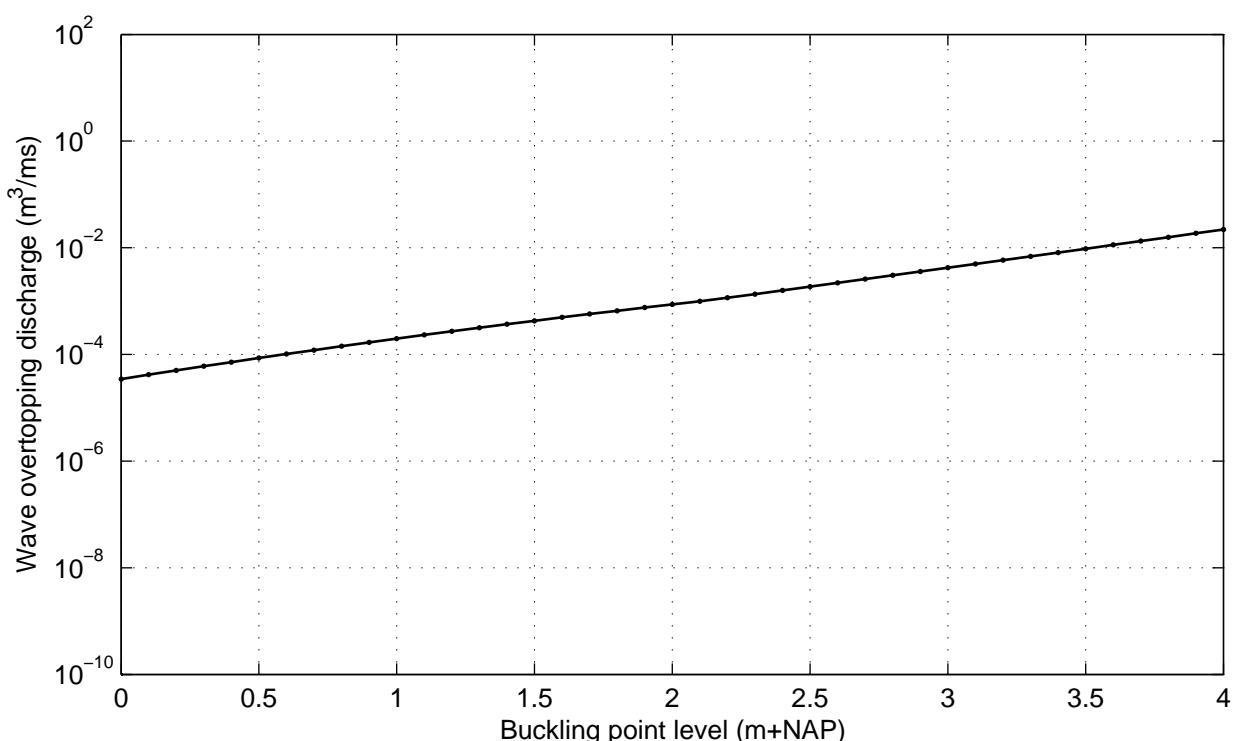
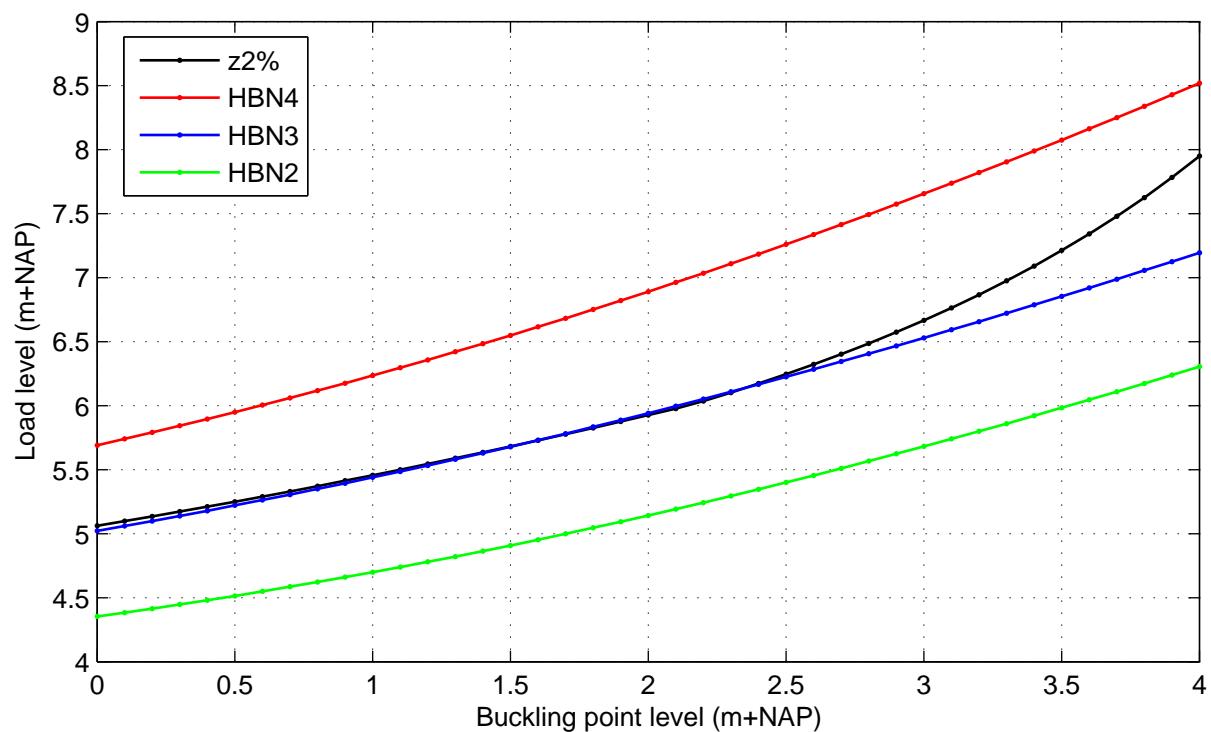
Cross section nr 3; series nr 11; Wave angle: 85 °
Varying slope upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.11



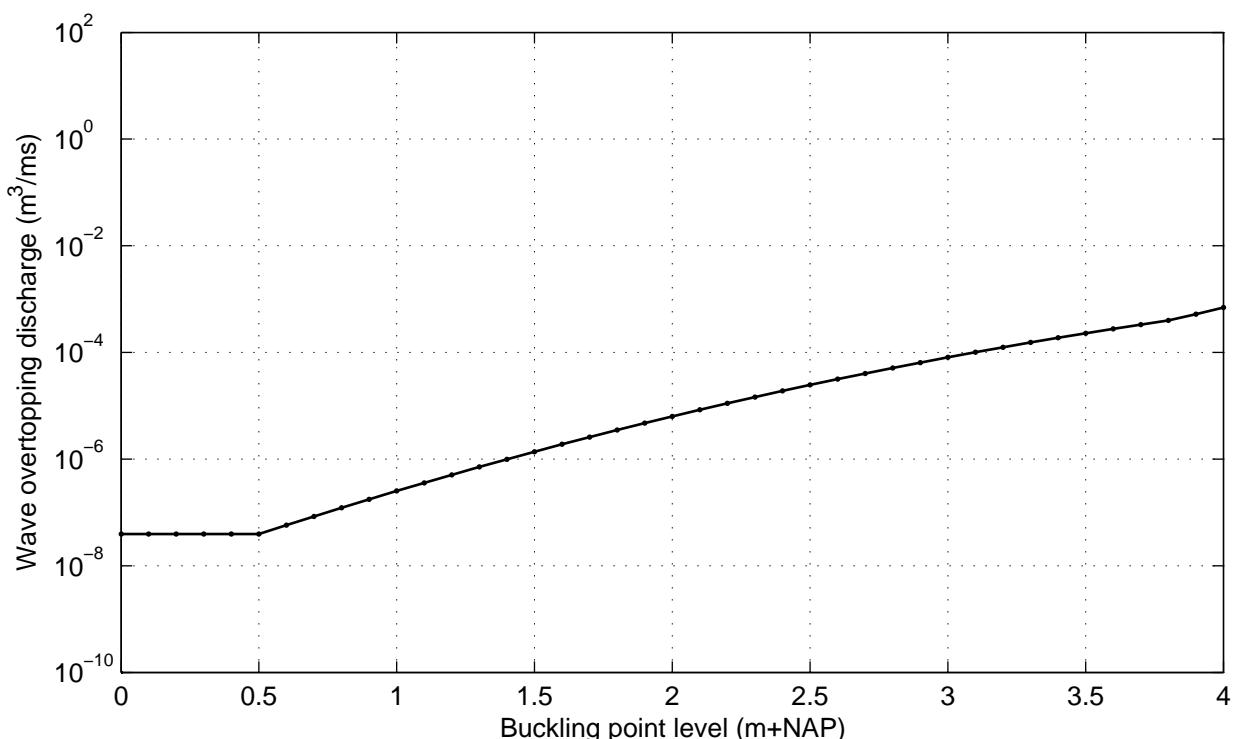
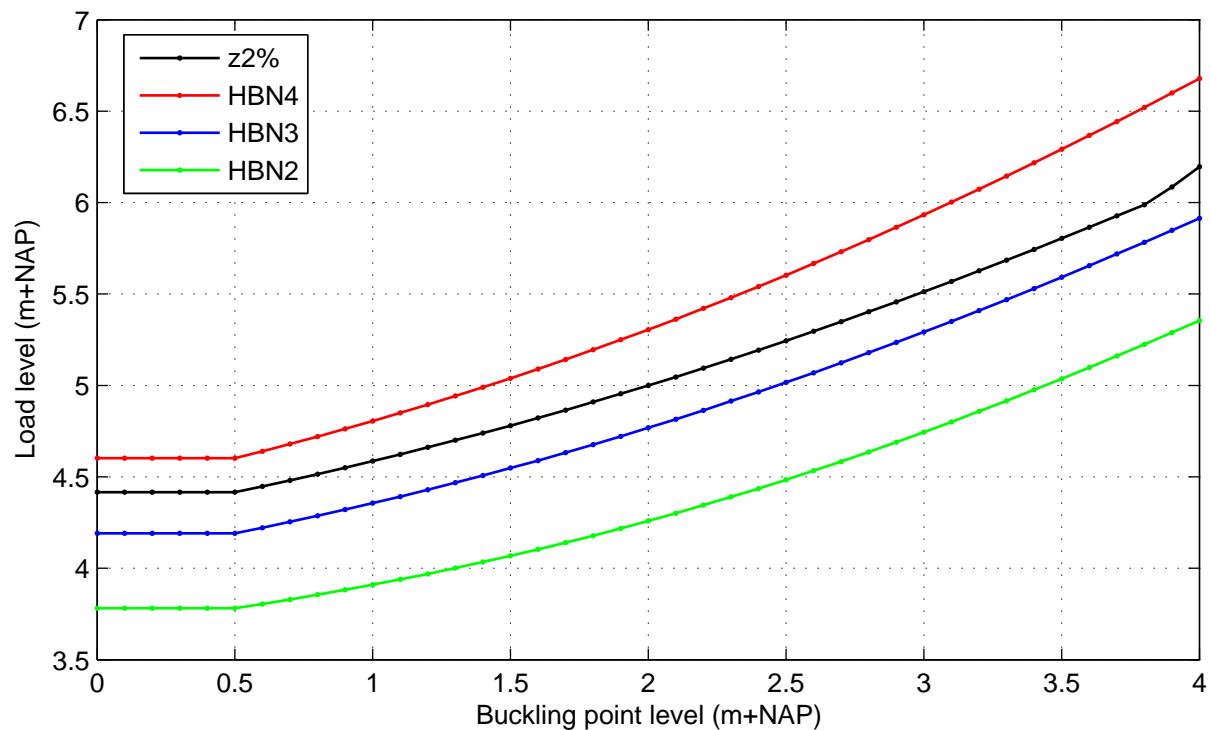
Cross section nr 3; series nr 12; Wave angle: 0 °
Varying level buckling point

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.12



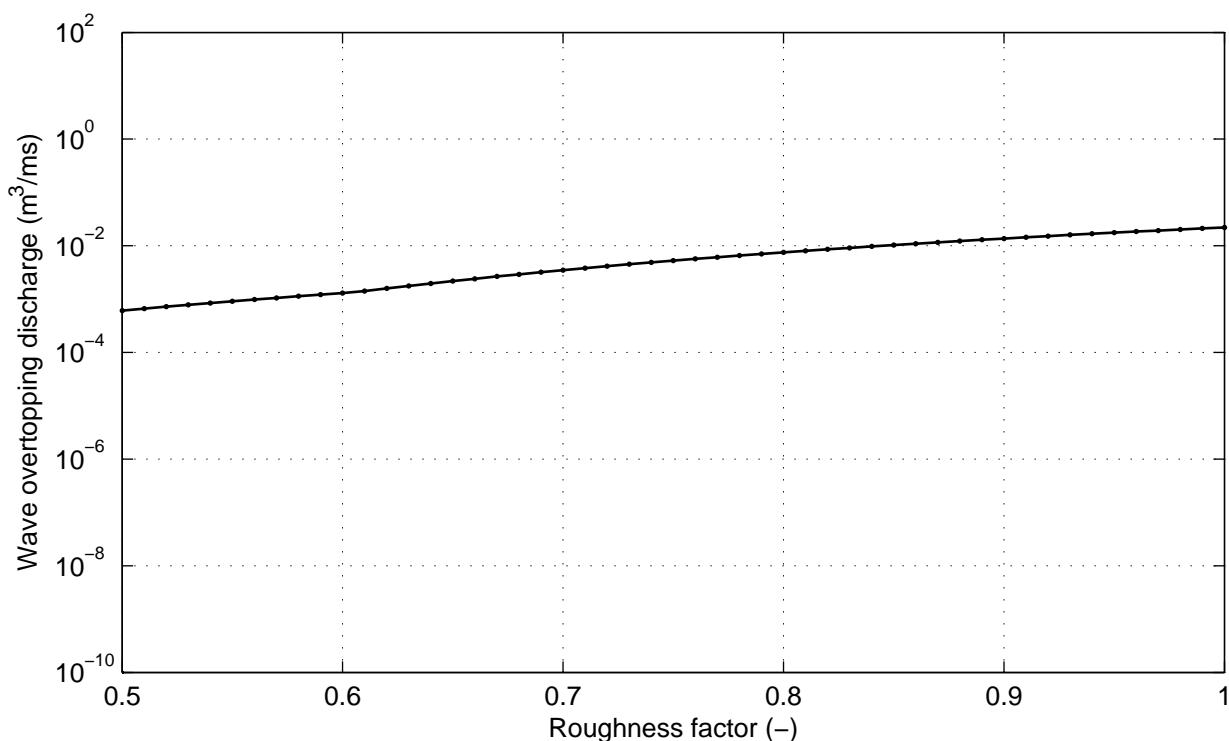
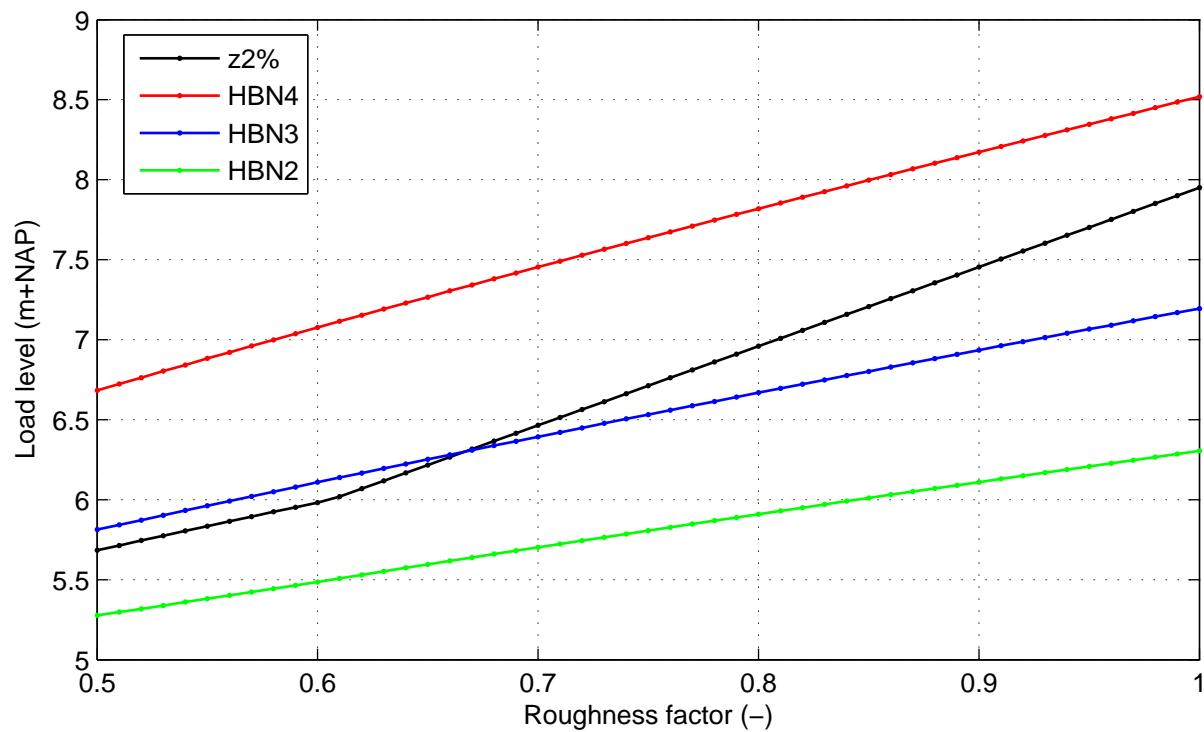
Cross section nr 3; series nr 13; Wave angle: 85 °
Varying level buckling point

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.13



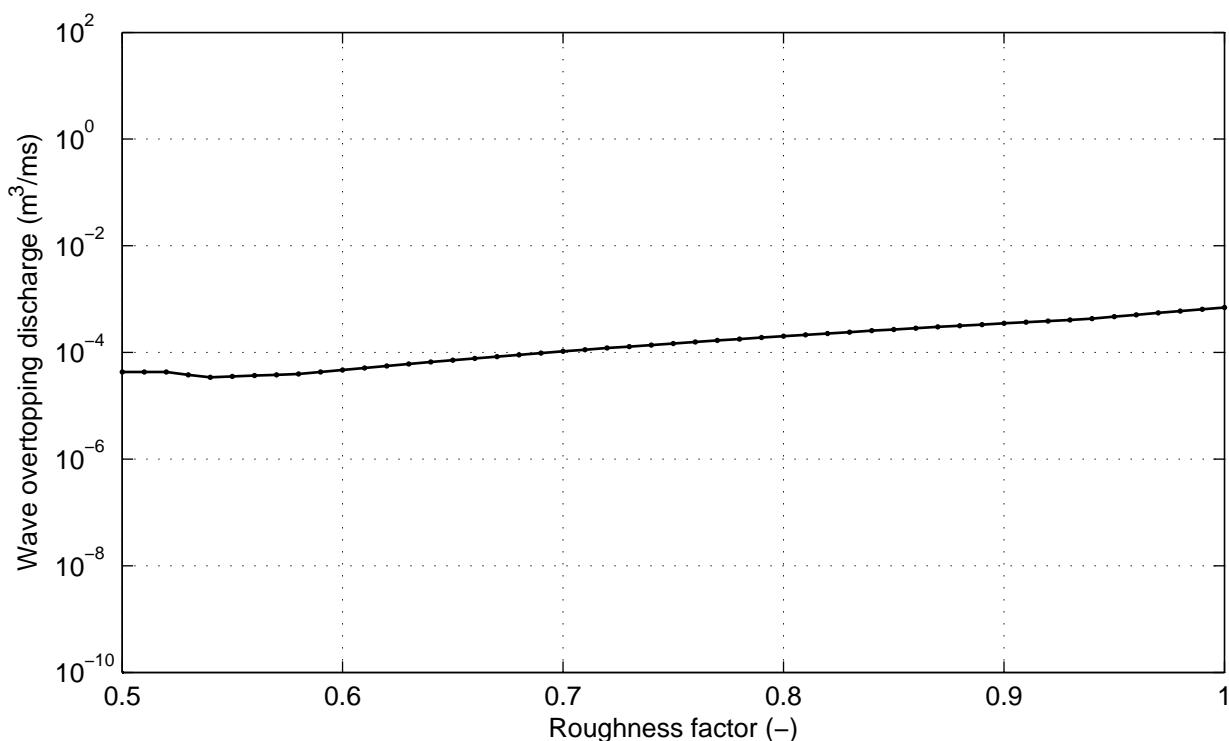
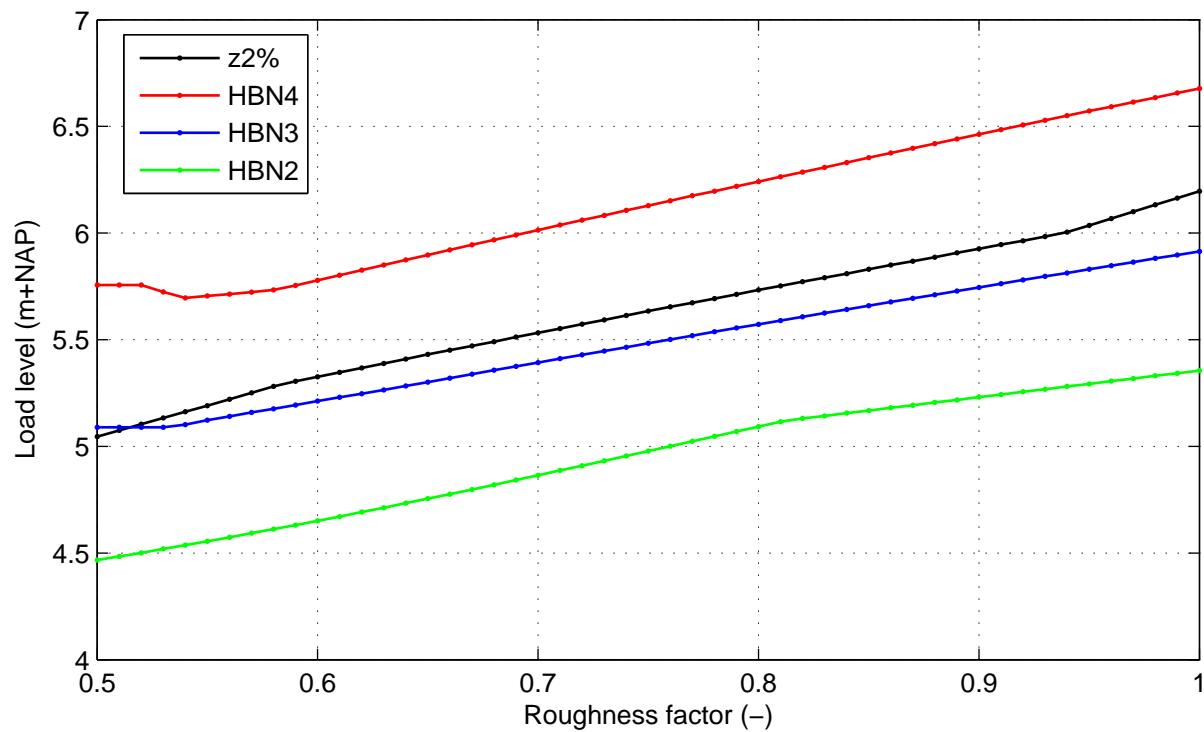
Cross section nr 3; series nr 14; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.14



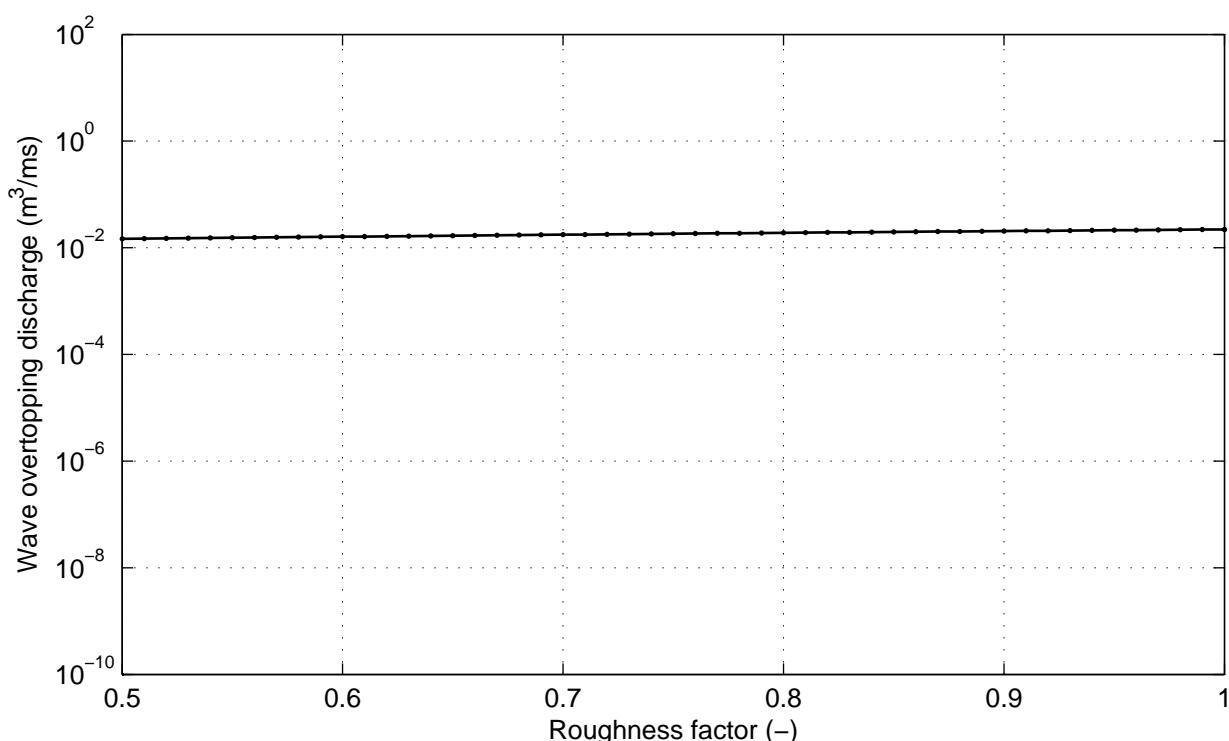
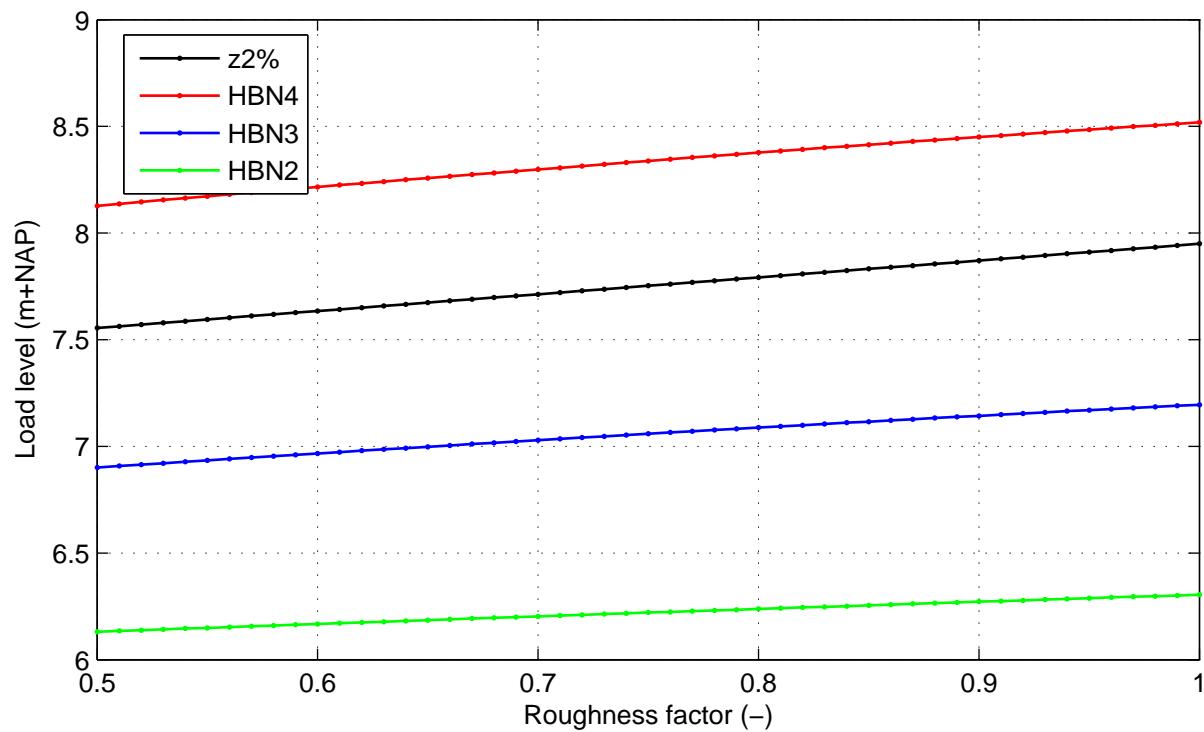
Cross section nr 3; series nr 15; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.15



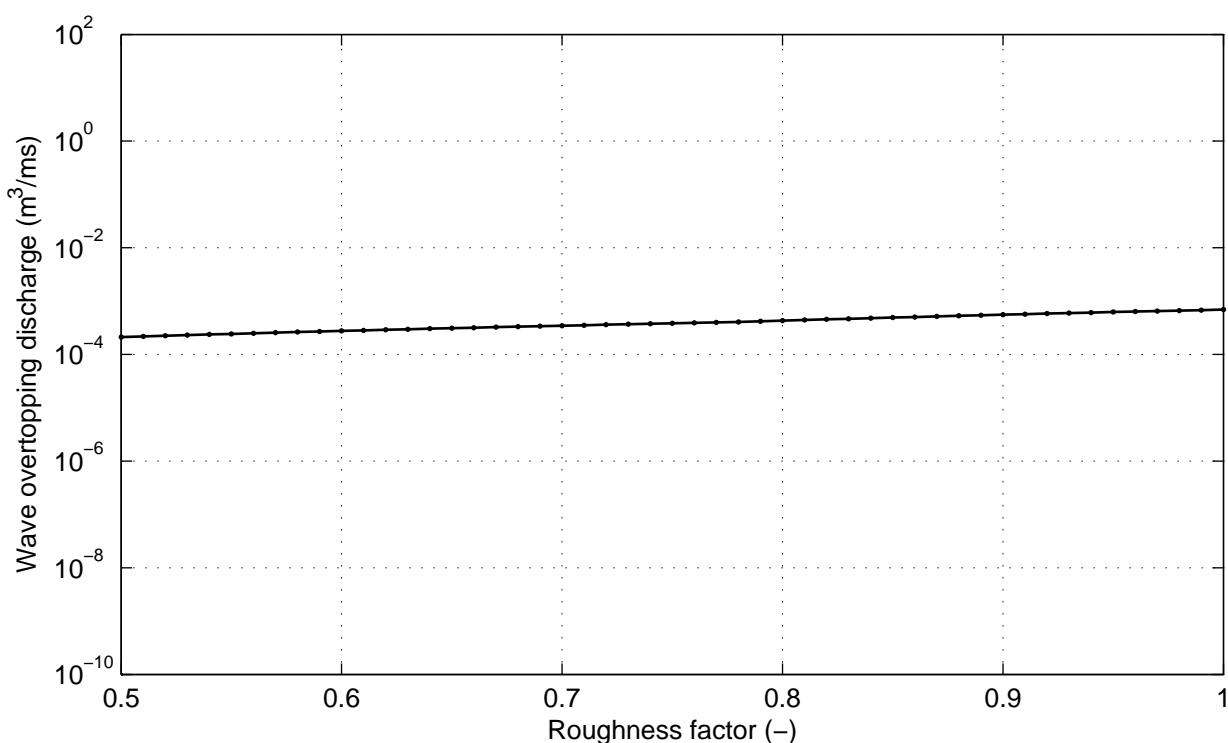
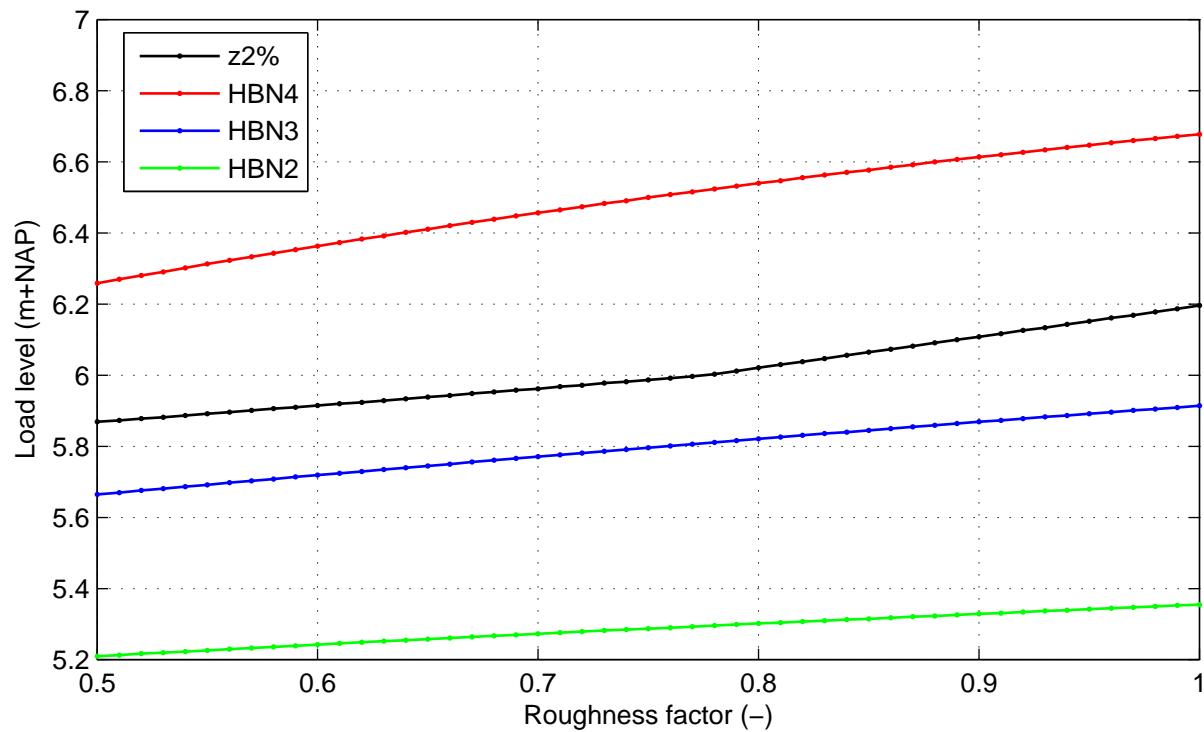
Cross section nr 3; series nr 16; Wave angle: 0 °
Varying roughness lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.16



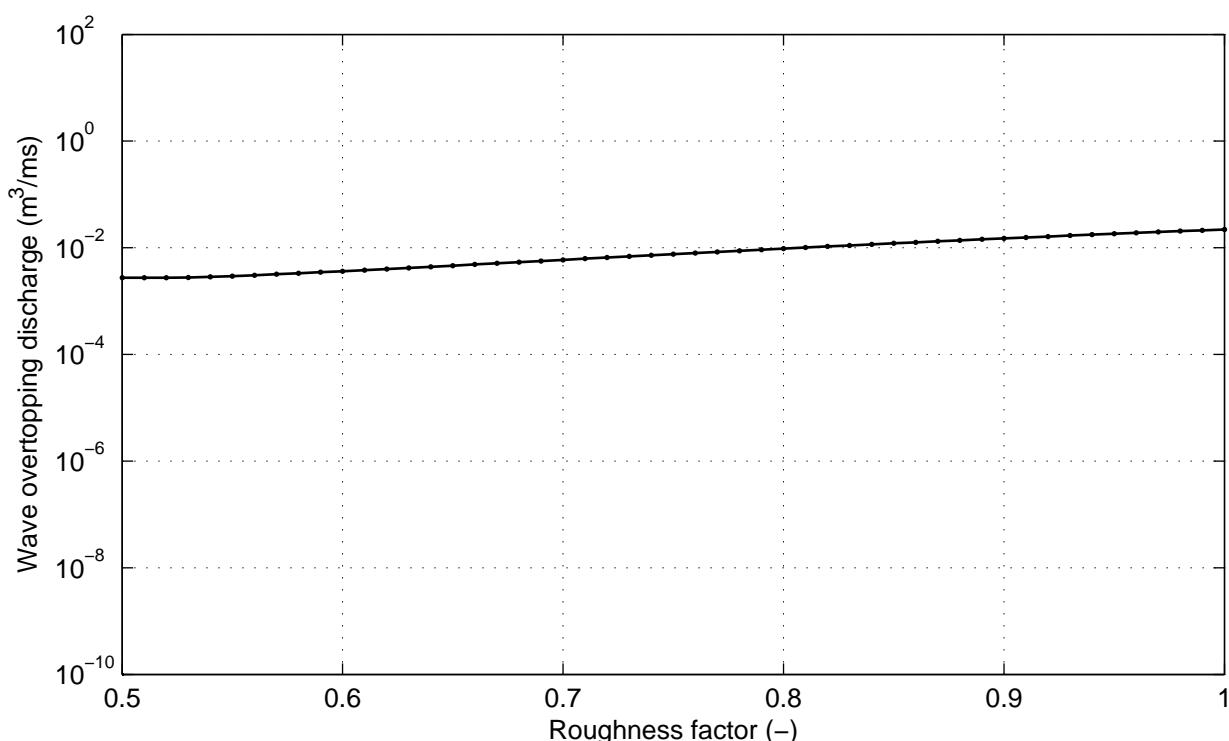
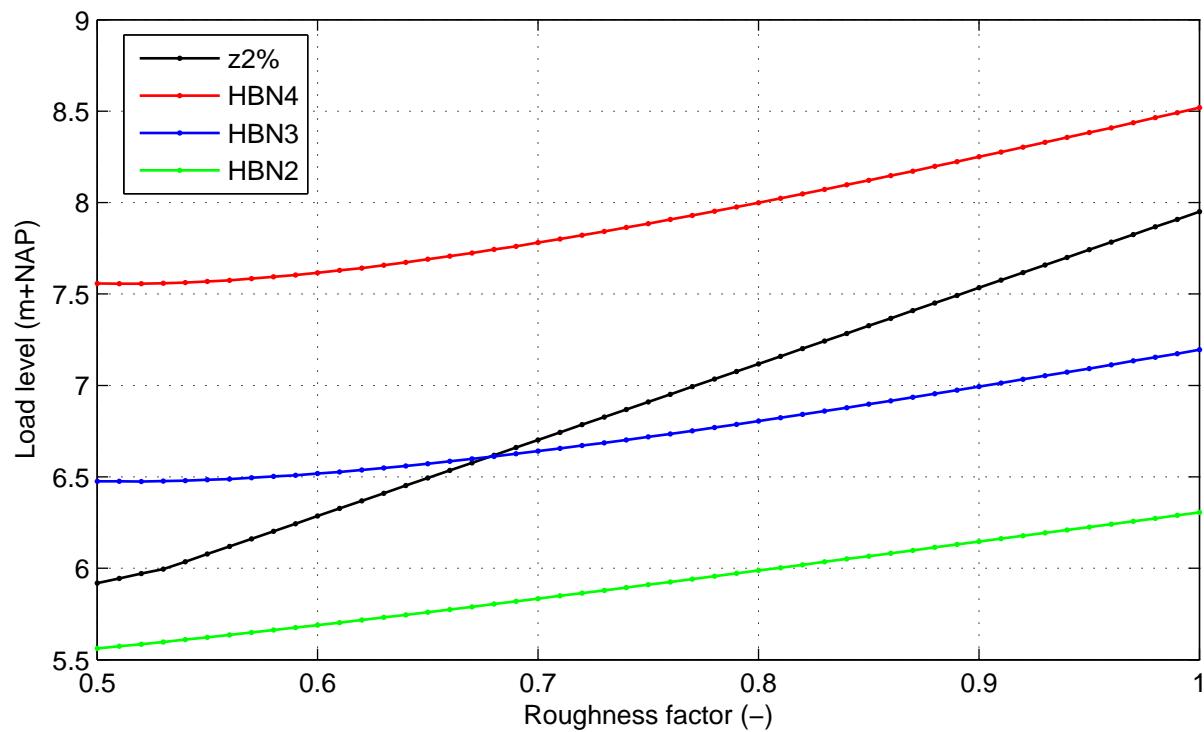
Cross section nr 3; series nr 17; Wave angle: 85 °
Varying roughness lower segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.17



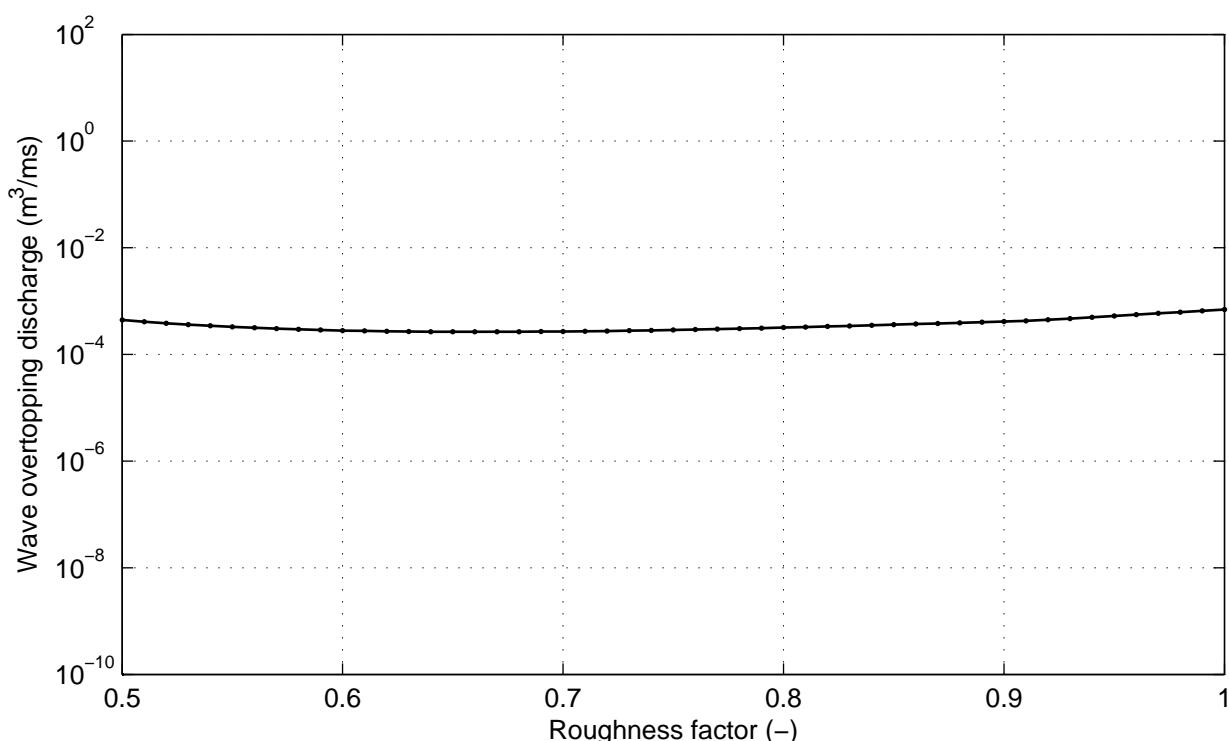
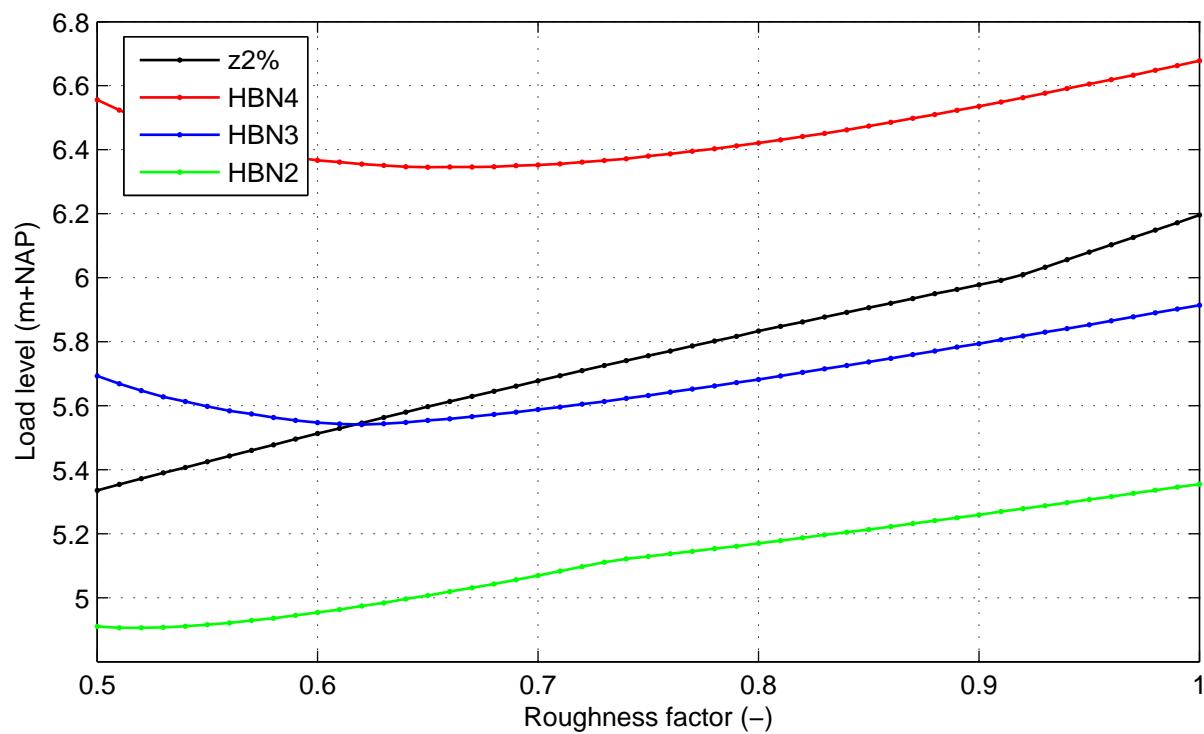
Cross section nr 3; series nr 18; Wave angle: 0 °
Varying roughness upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.18



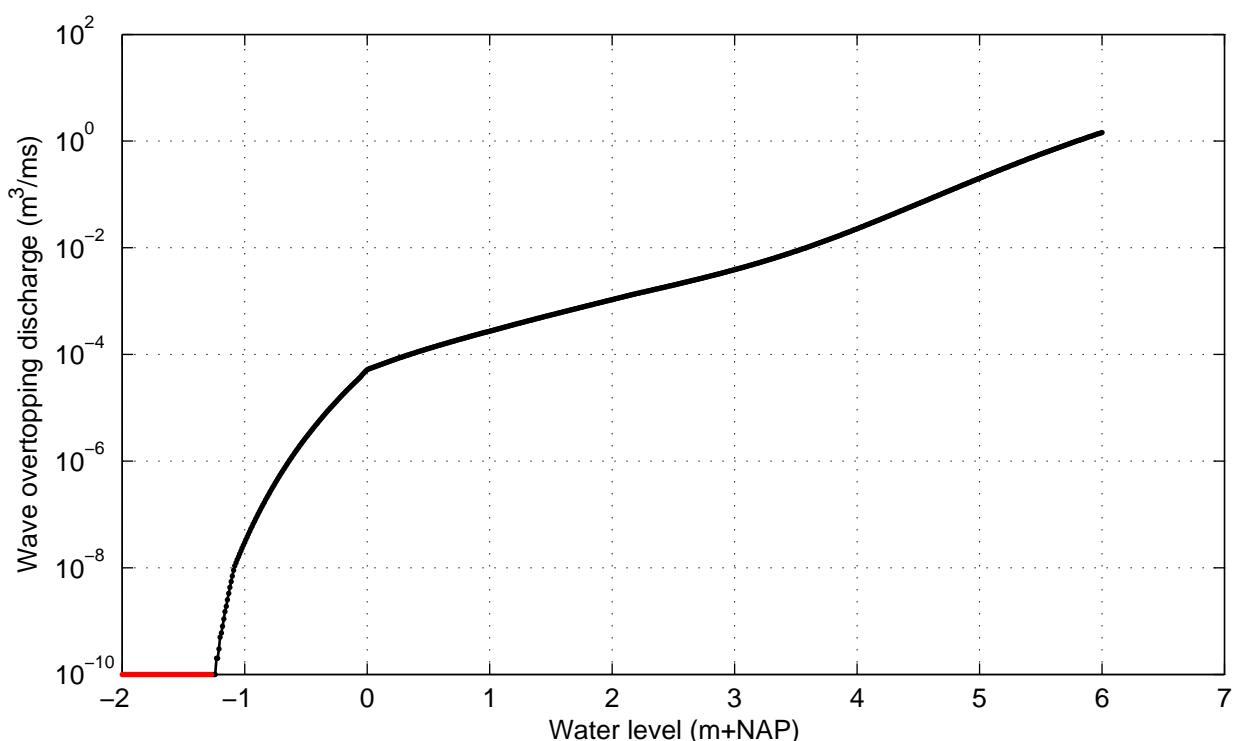
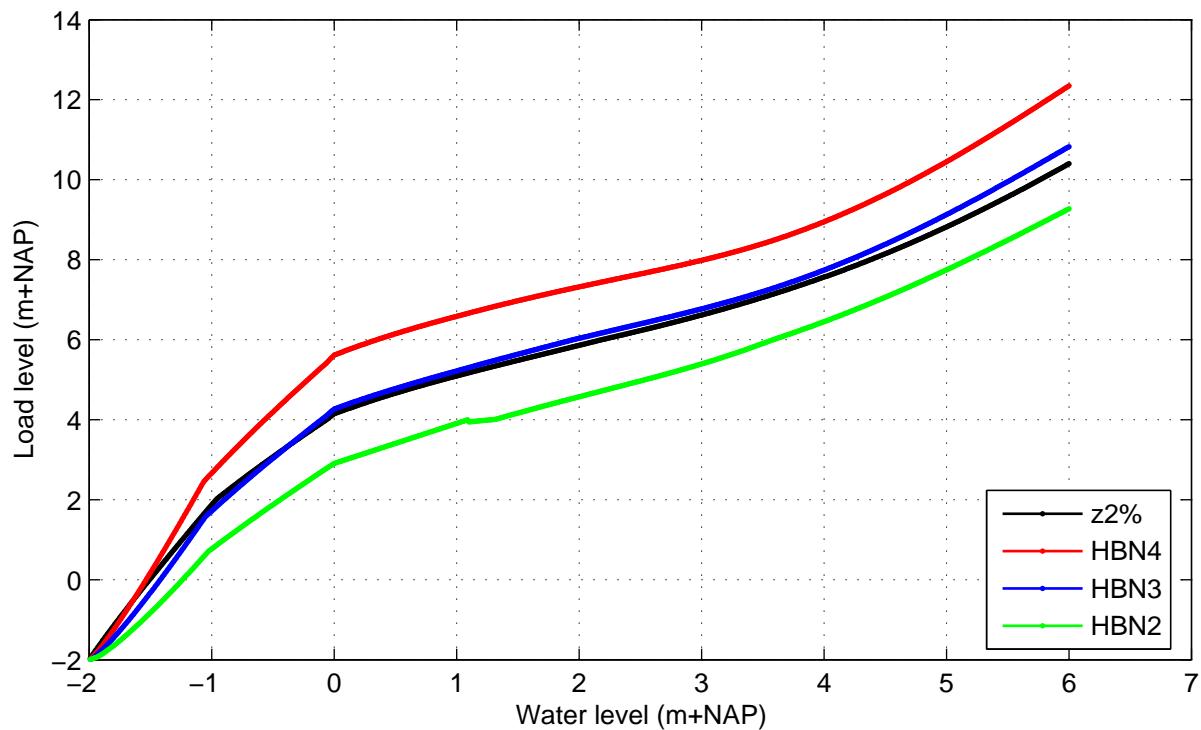
Cross section nr 3; series nr 19; Wave angle: 85 °
Varying roughness upper segment

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 3.19



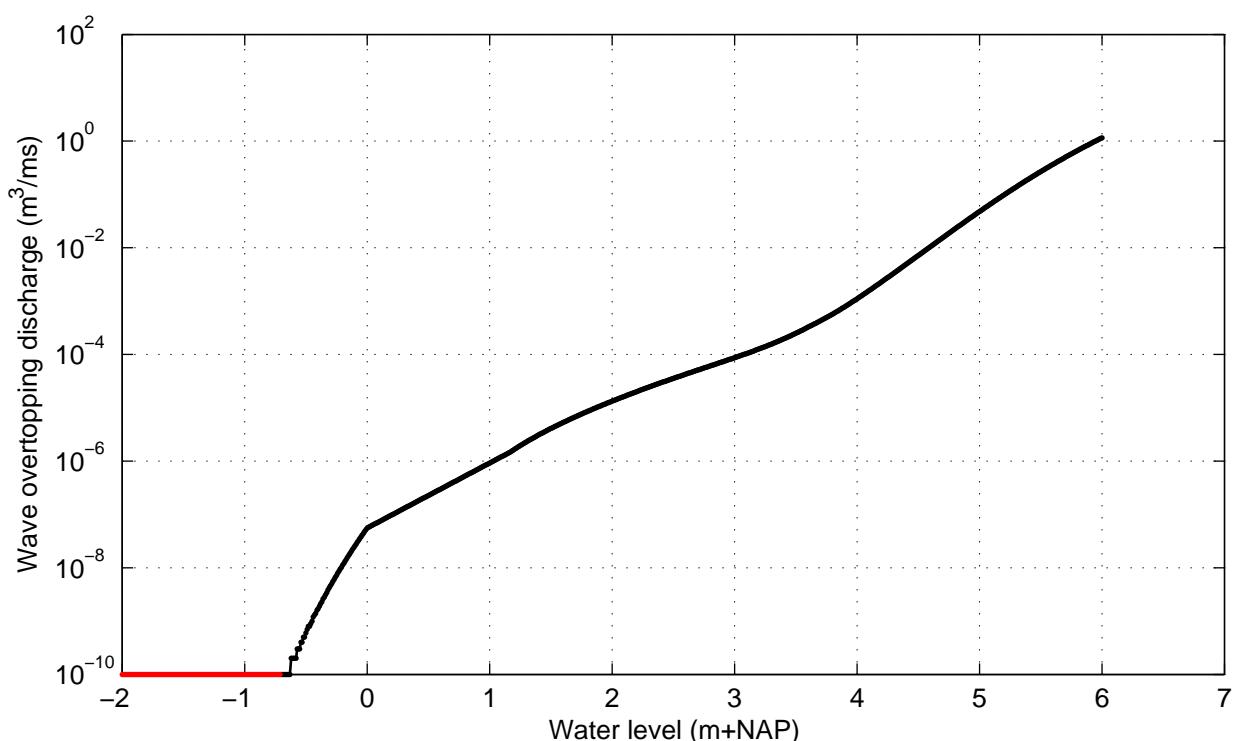
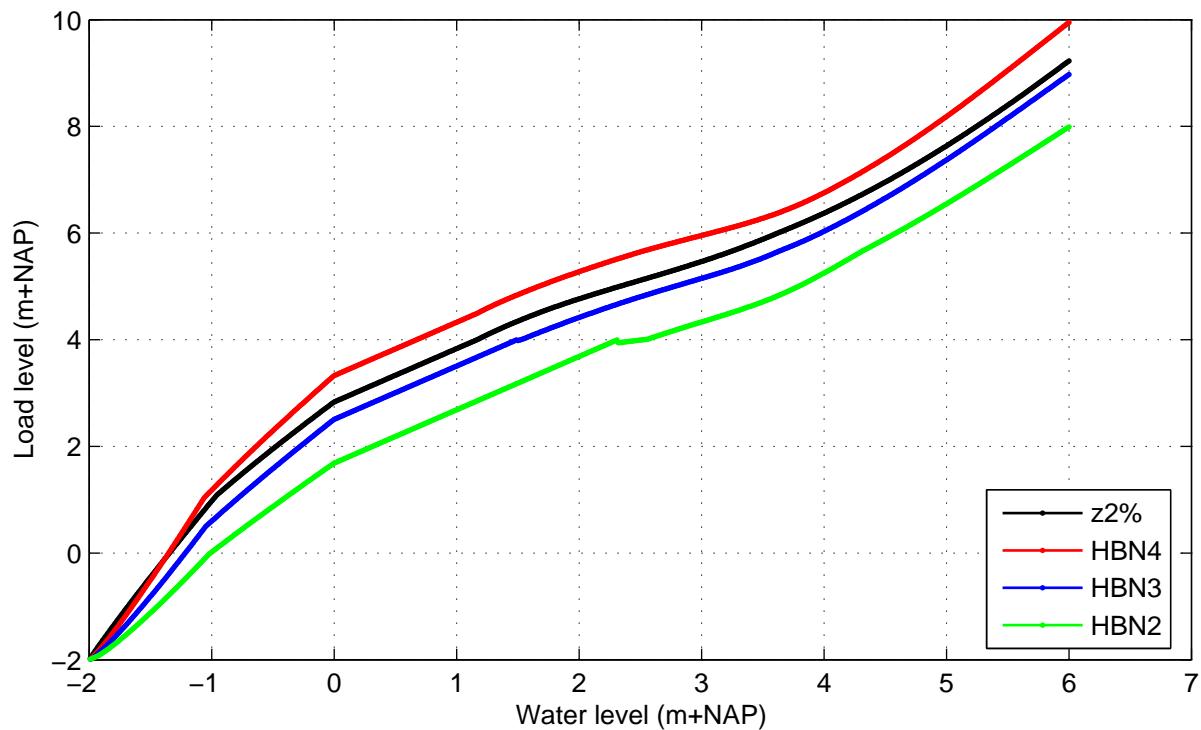
Cross section nr 4; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.1



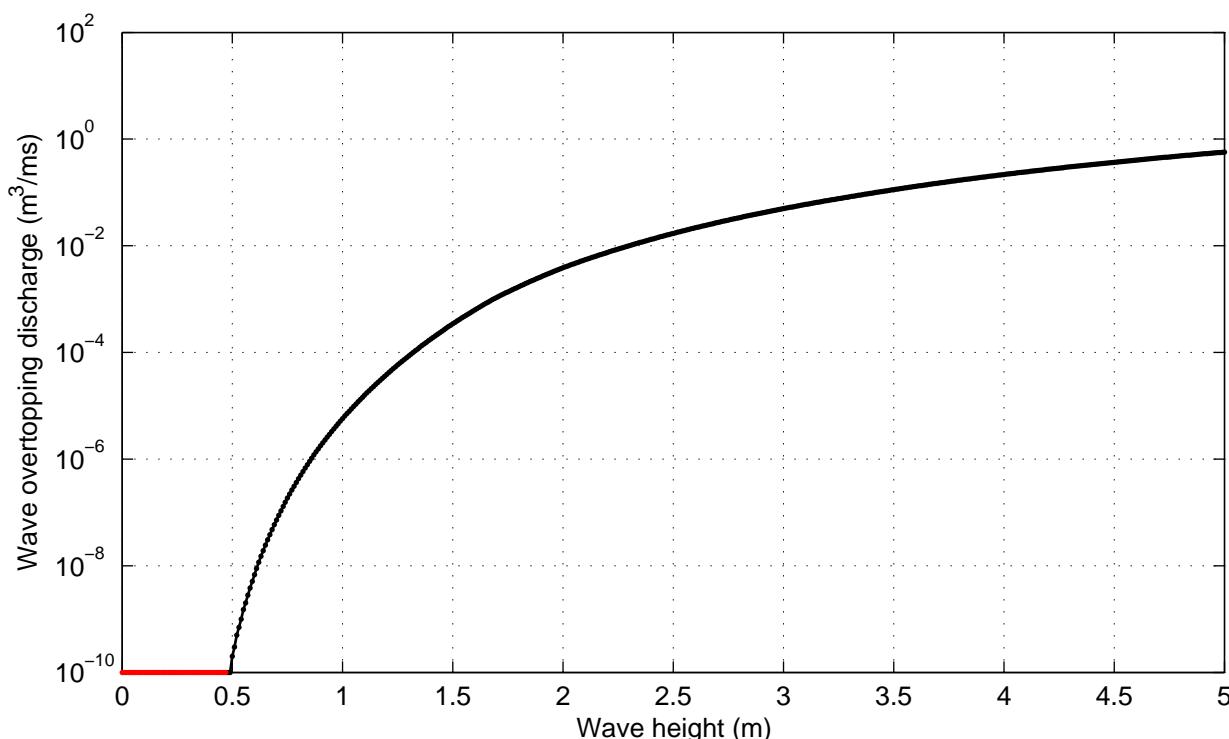
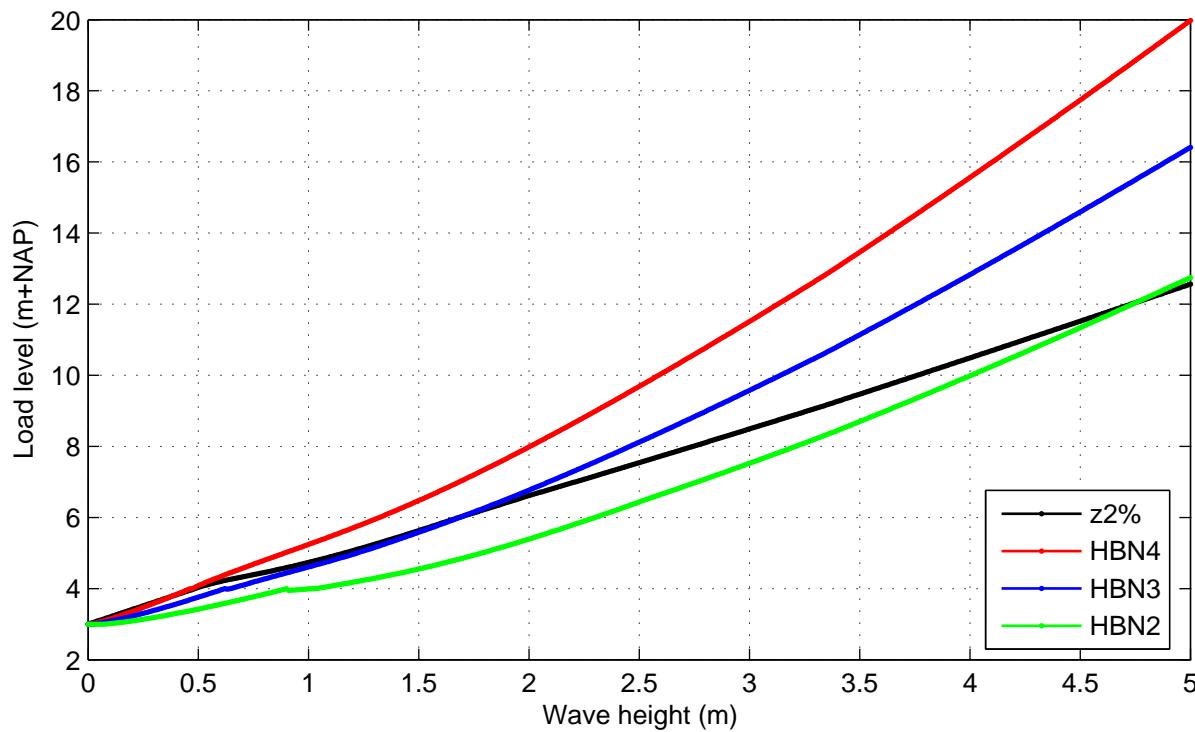
Cross section nr 4; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.2



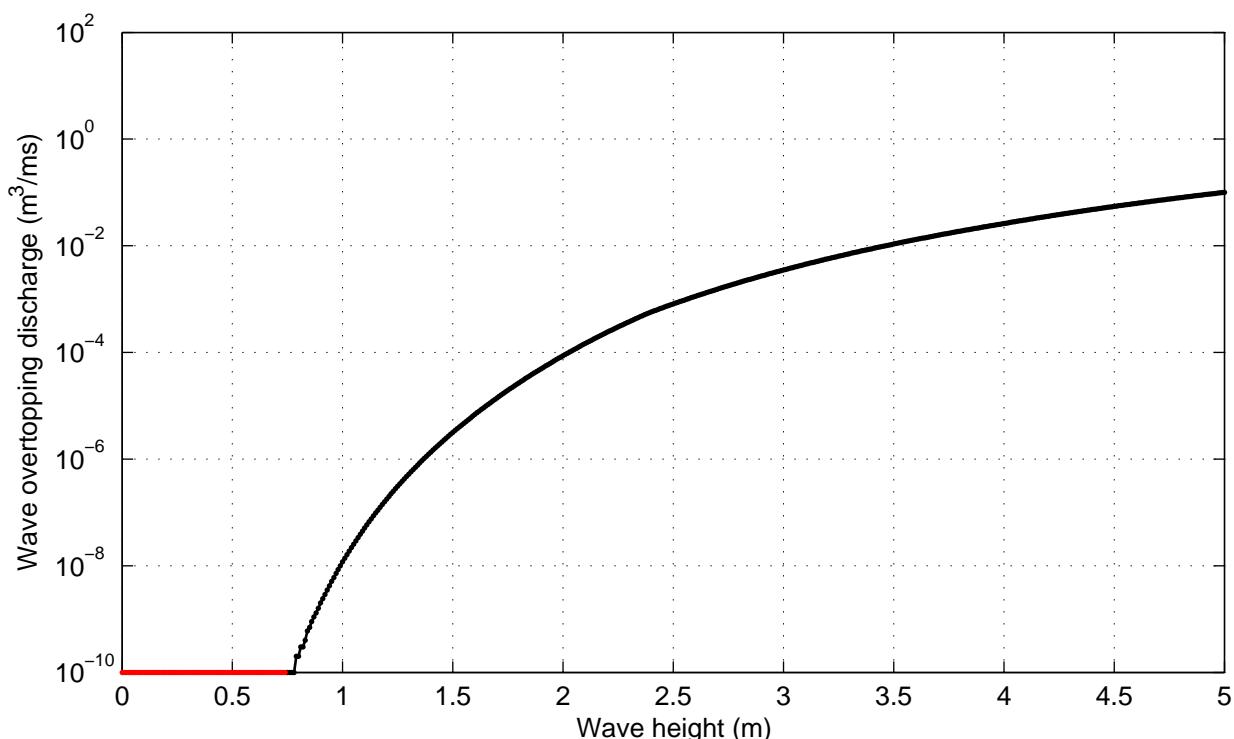
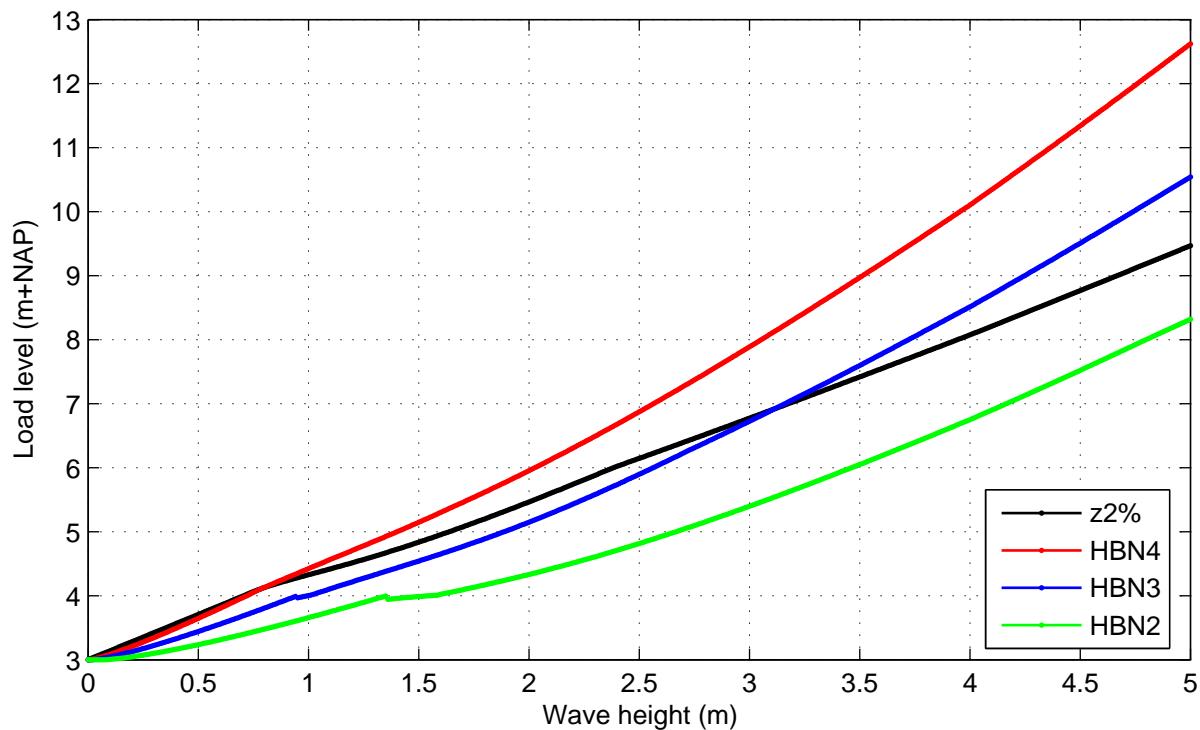
Cross section nr 4; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.3



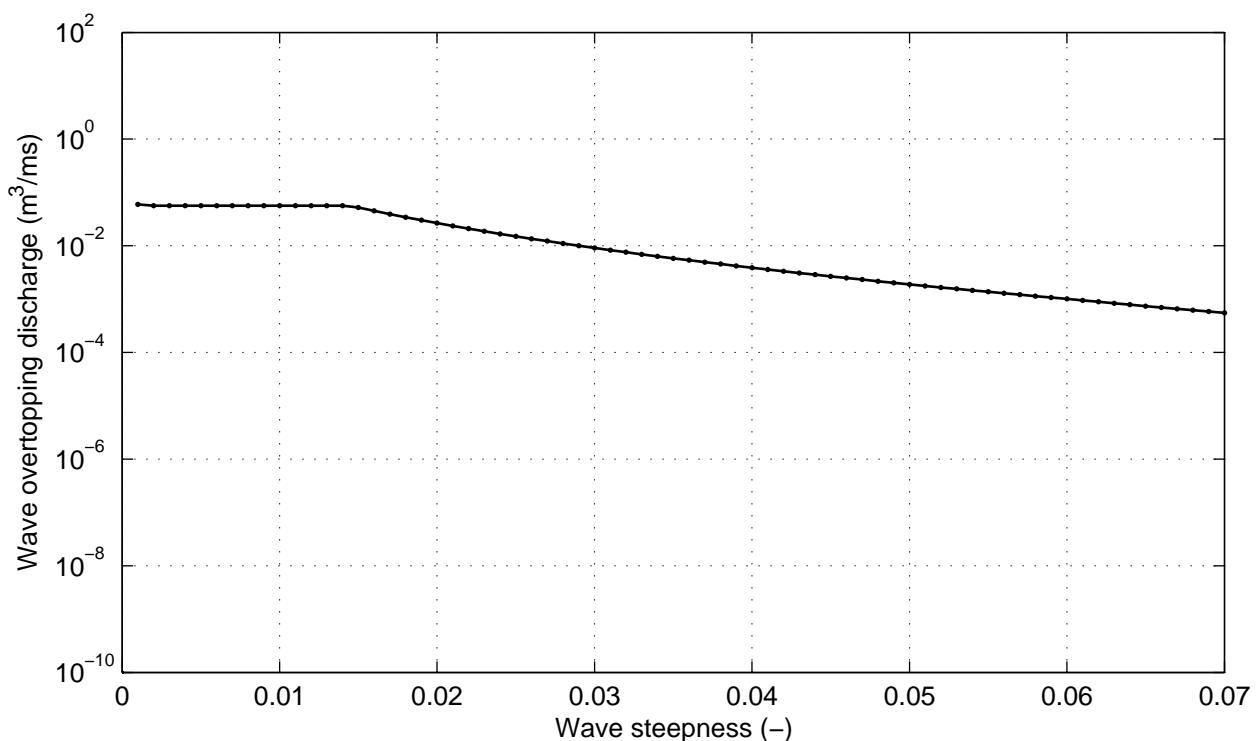
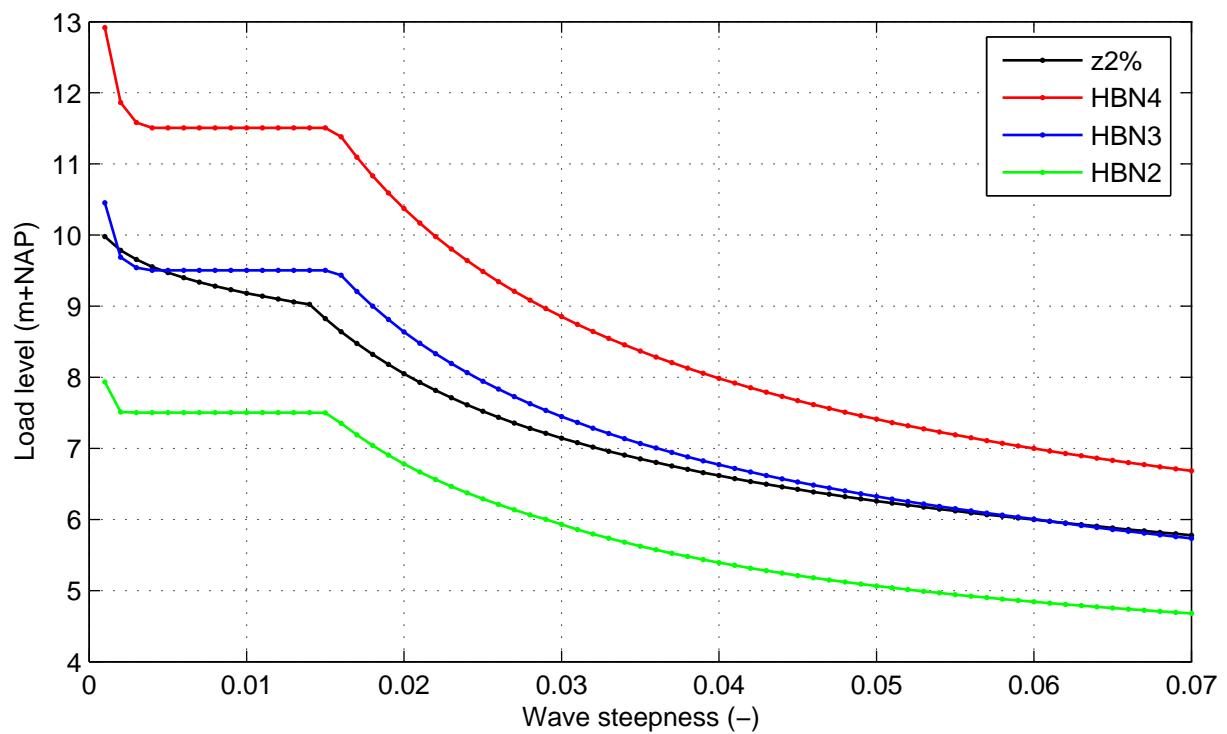
Cross section nr 4; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.4



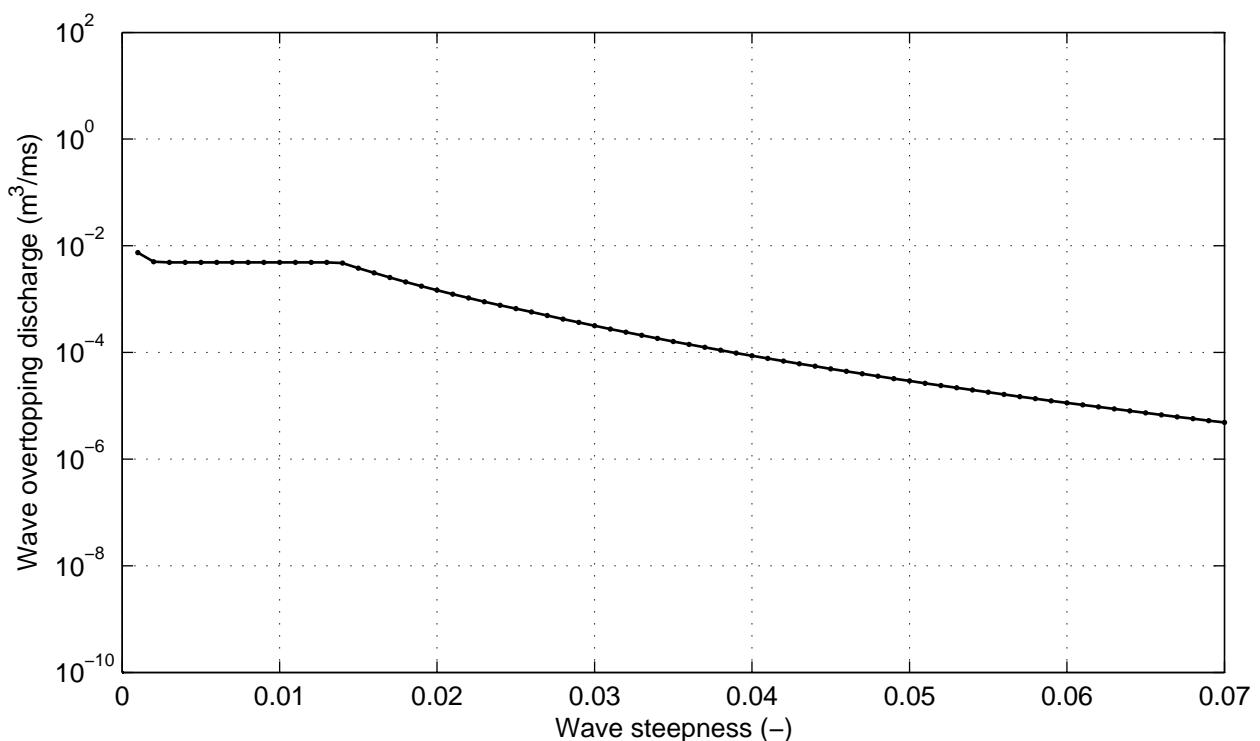
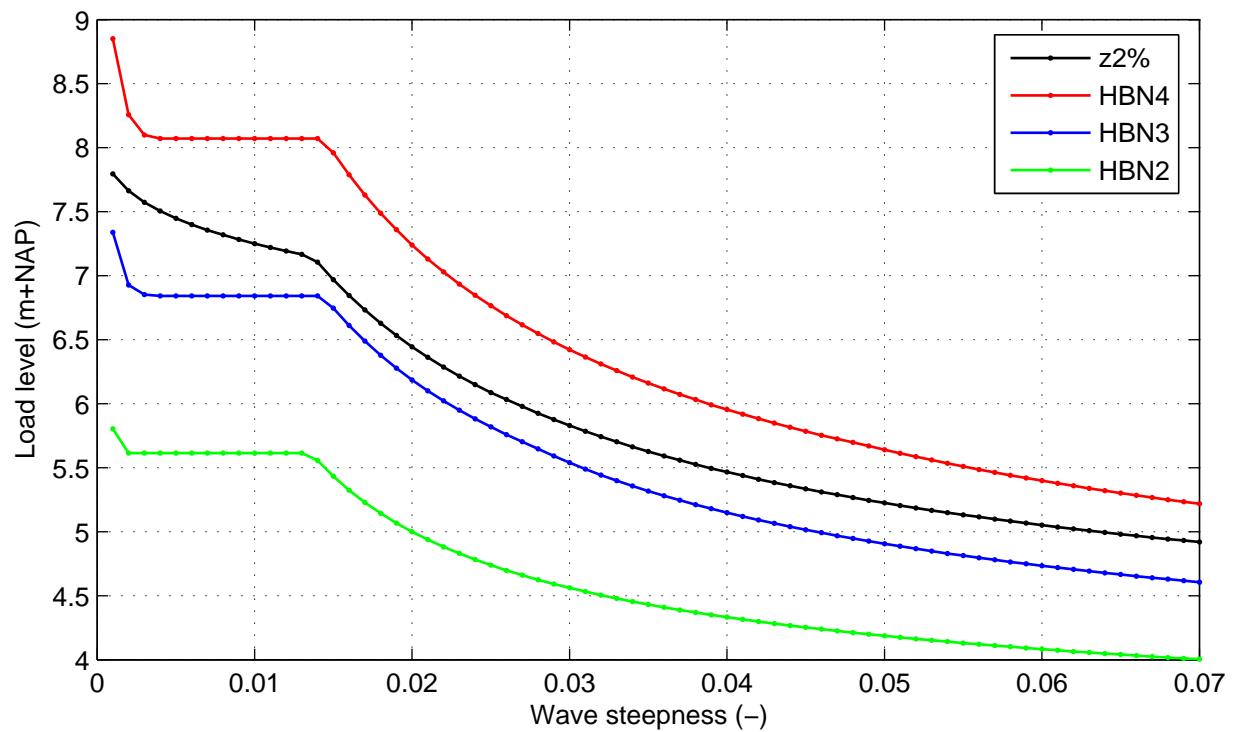
Cross section nr 4; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.5



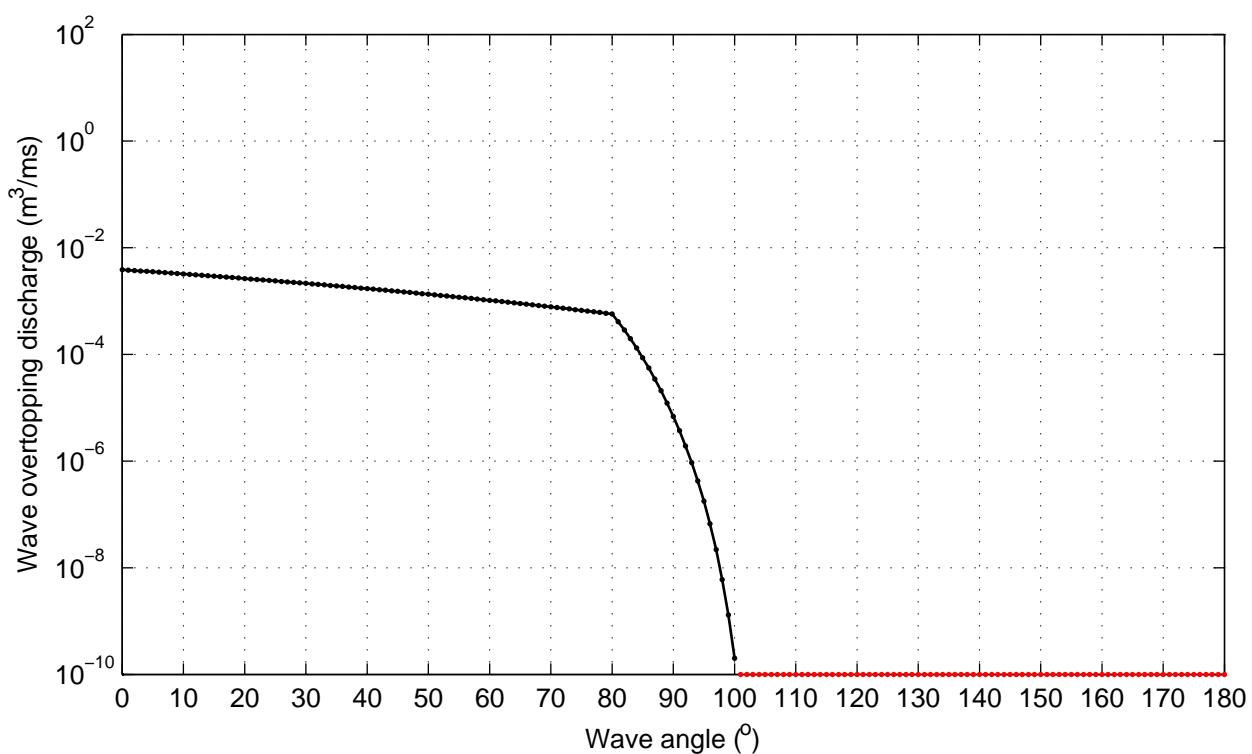
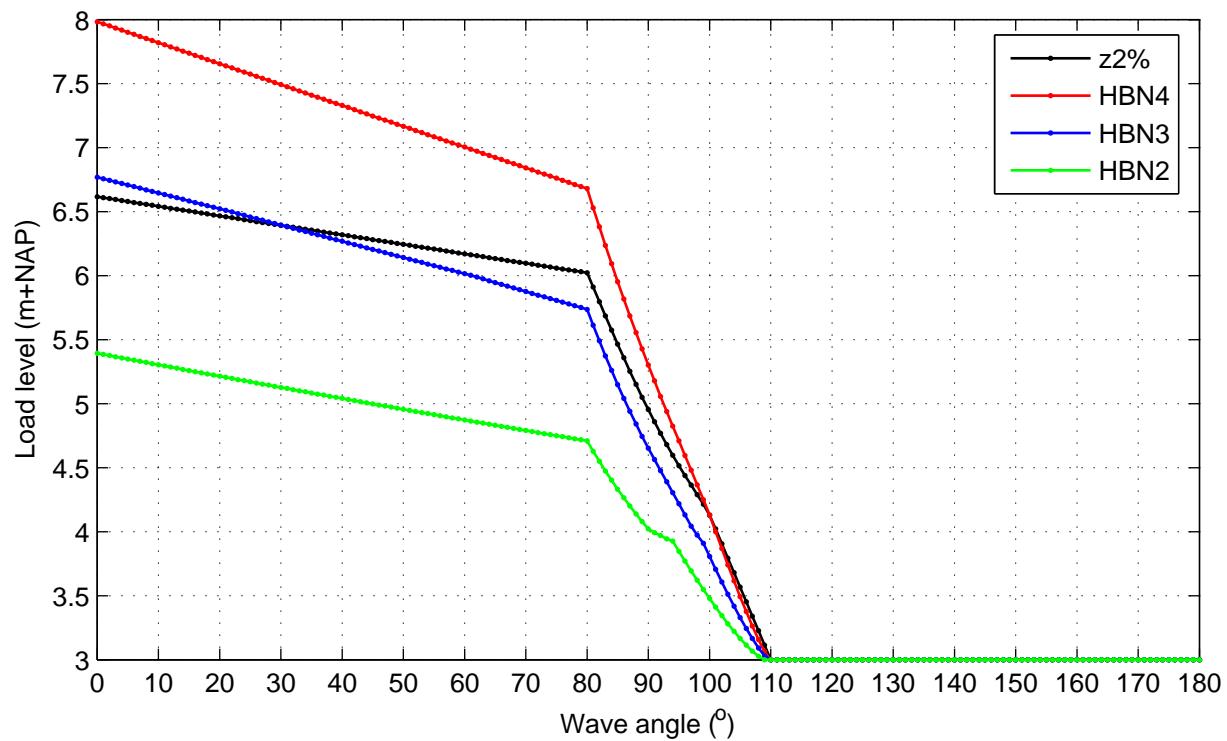
Cross section nr 4; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.6



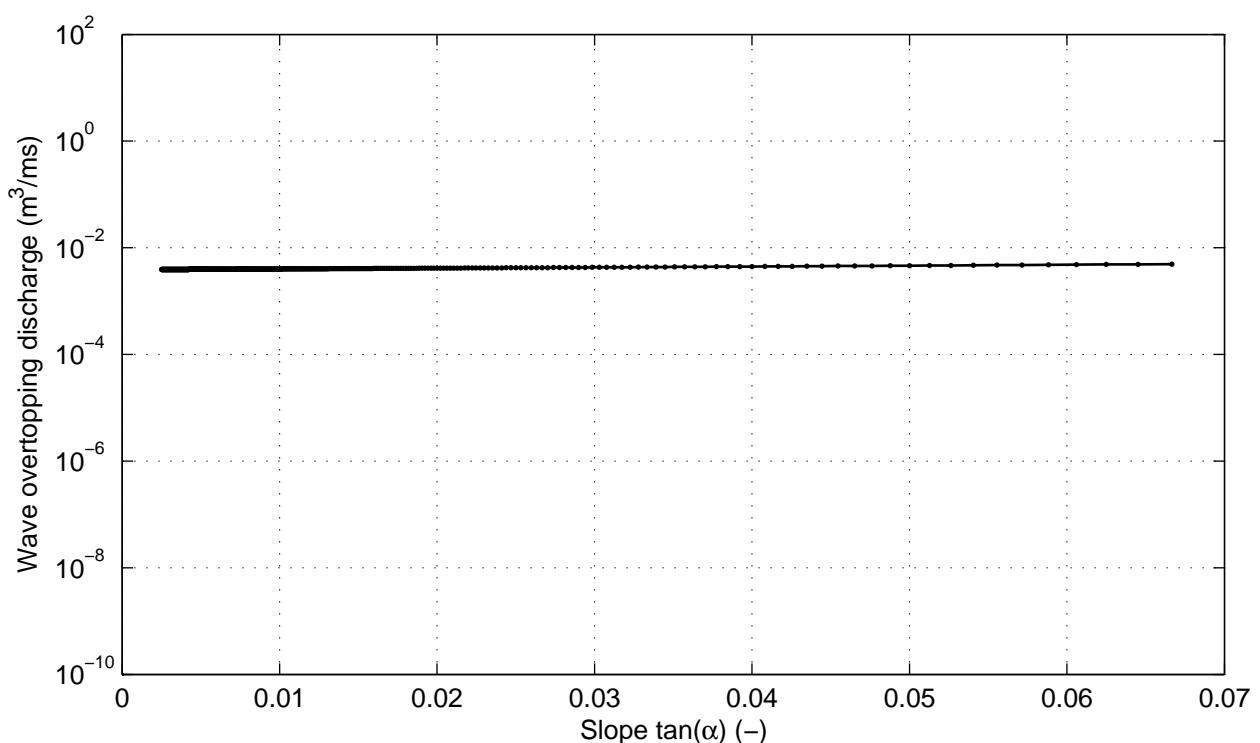
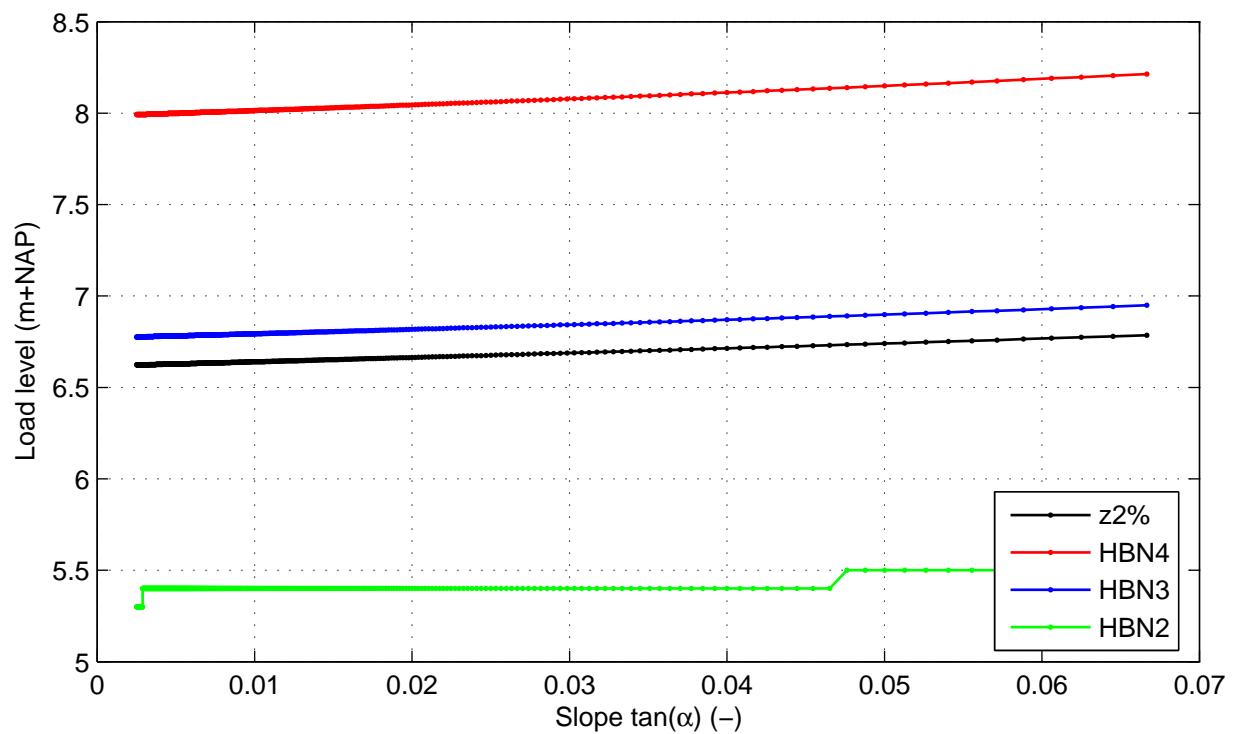
Cross section nr 4; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.7



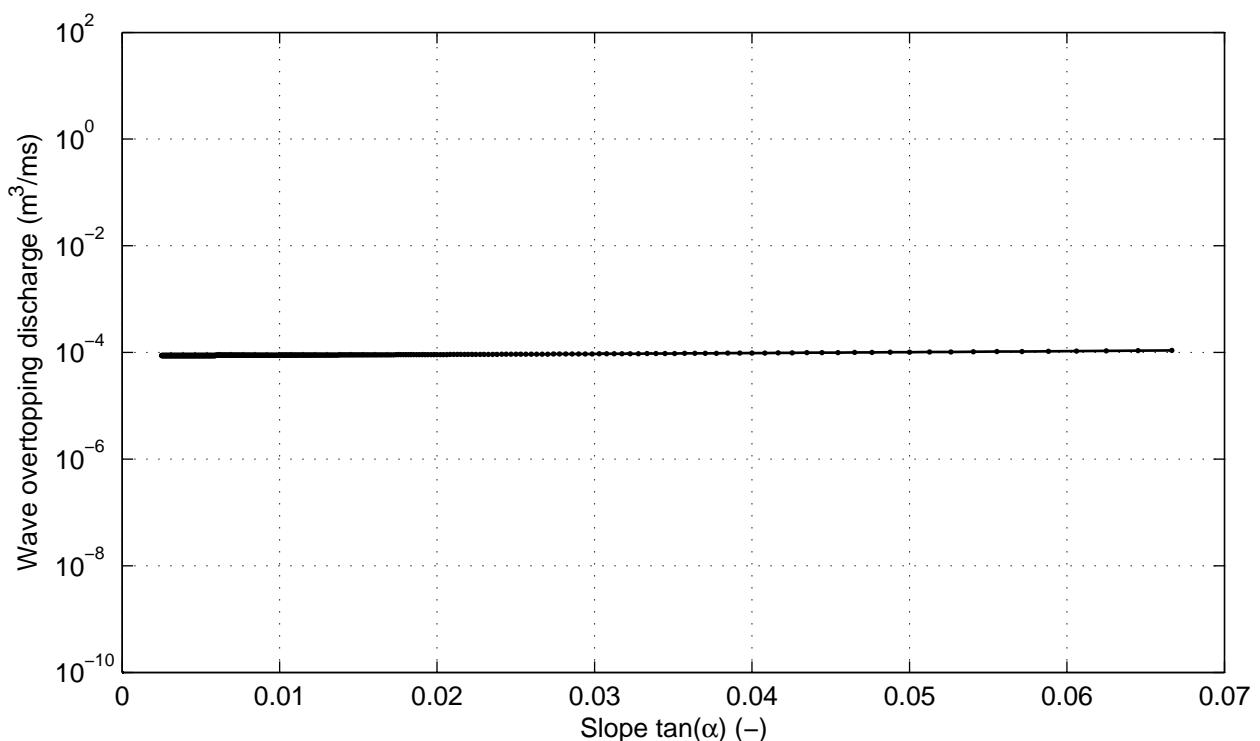
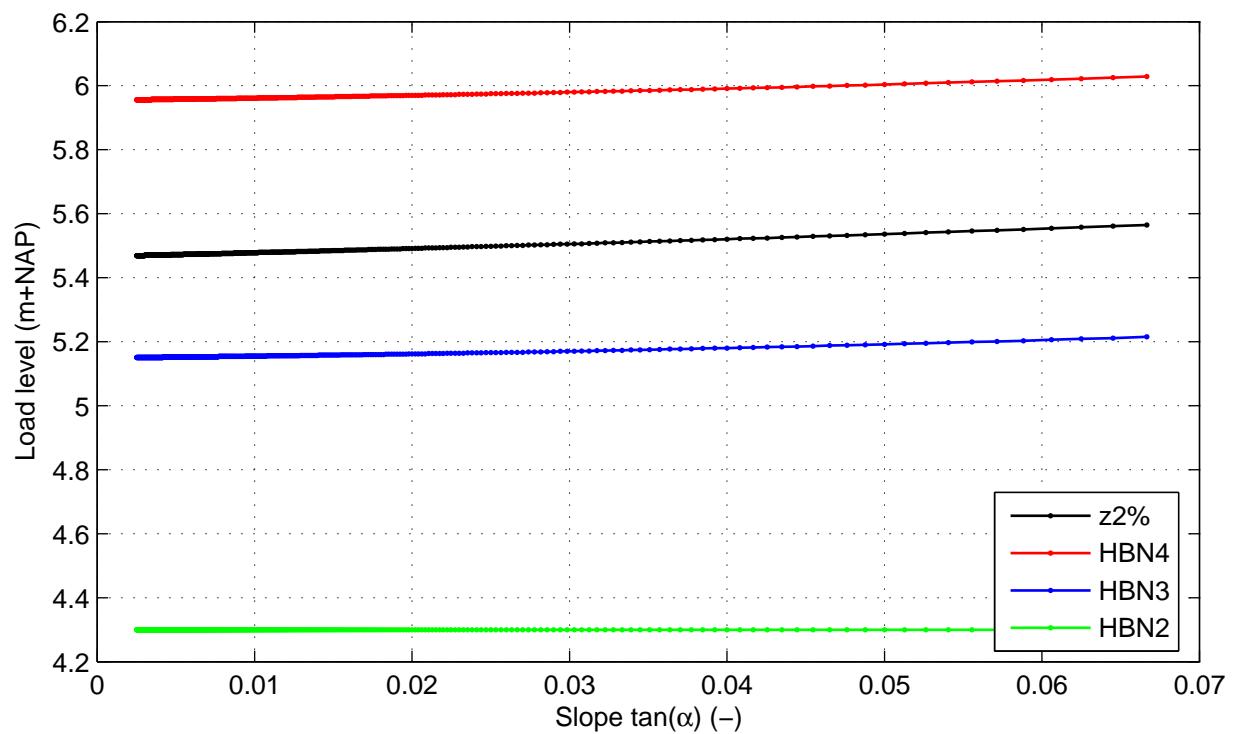
Cross section nr 4; series nr 8; Wave angle: 0 °
Varying slope of all berm segments as a berm

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.8



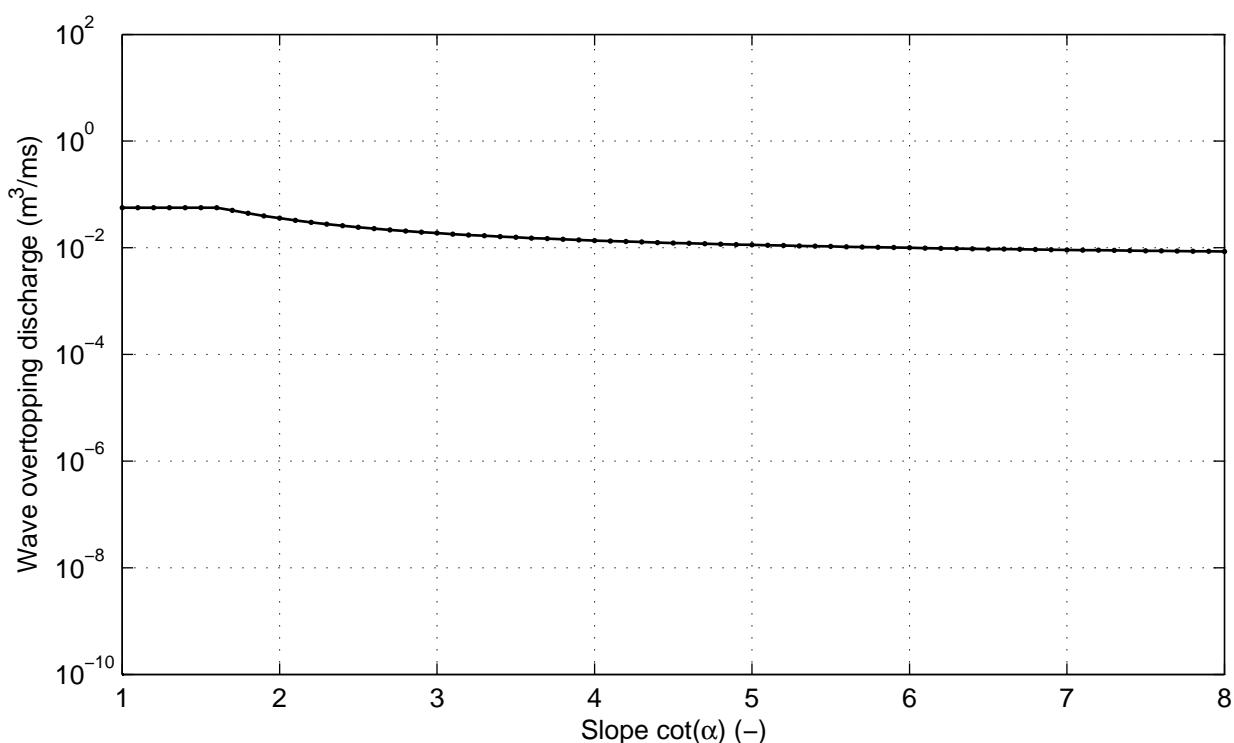
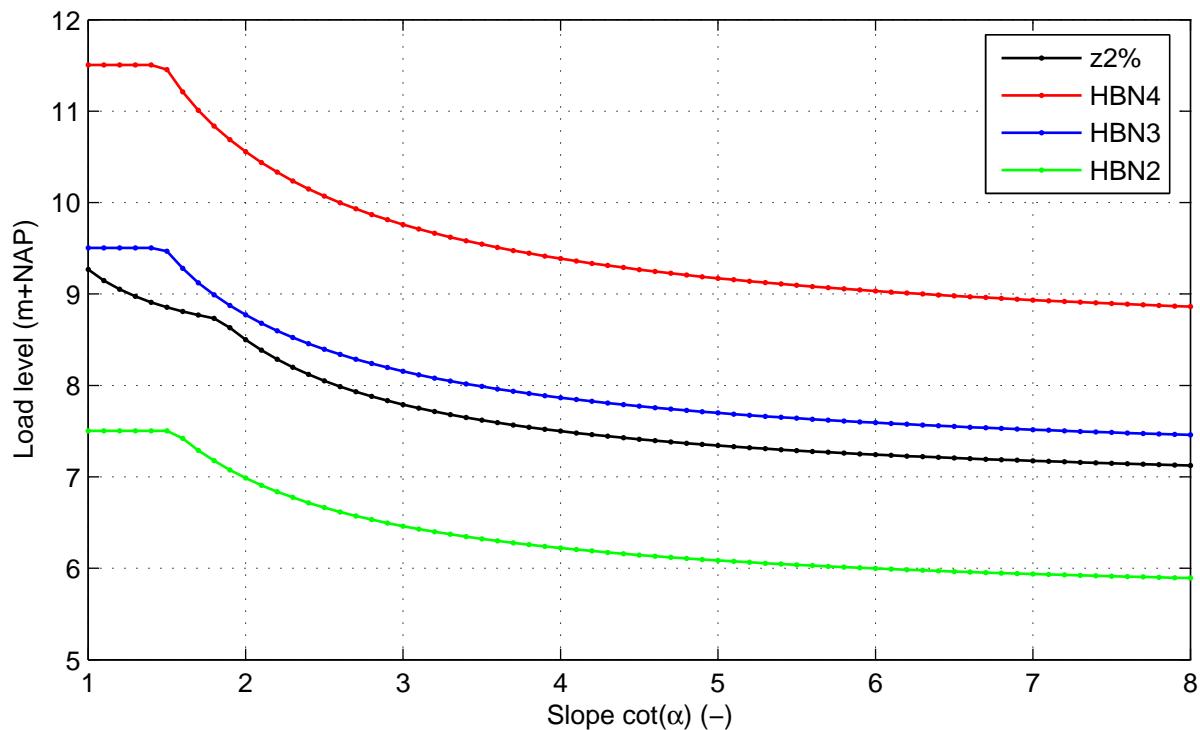
Cross section nr 4; series nr 9; Wave angle: 85 °
Varying slope of all berm segments as a berm

Wave overtopping kernel tests

DELTARES

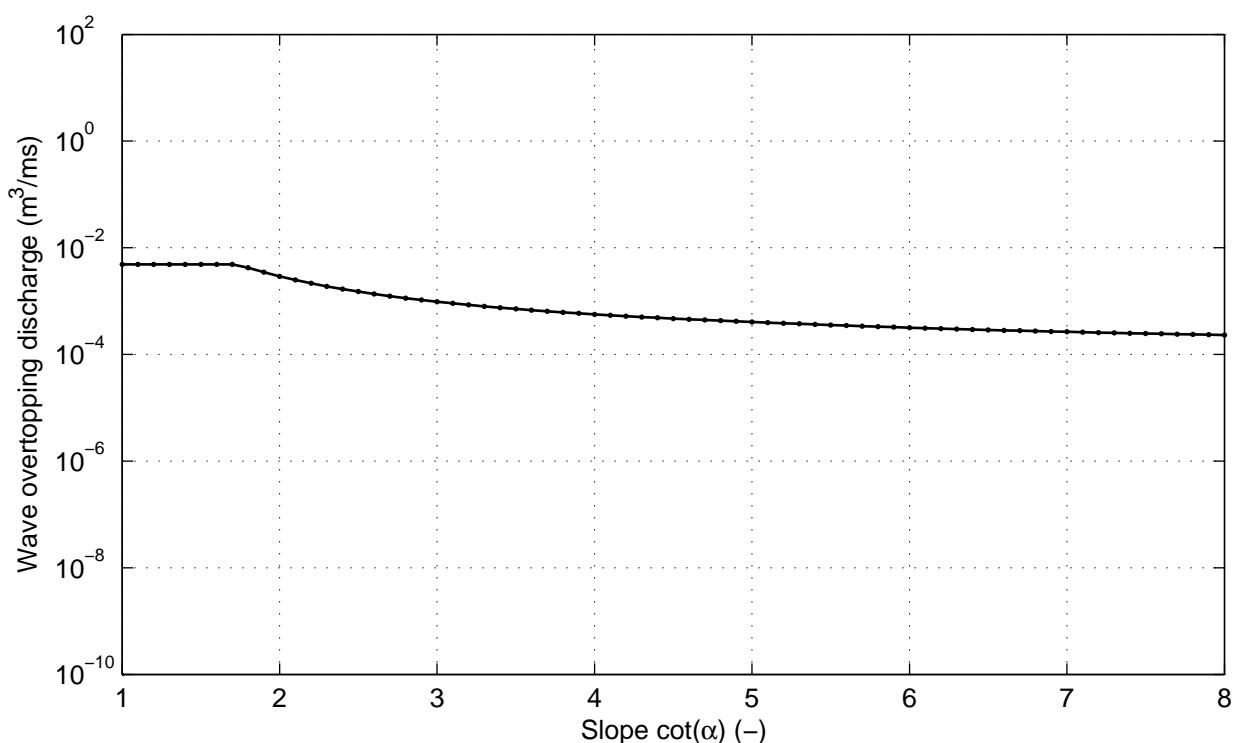
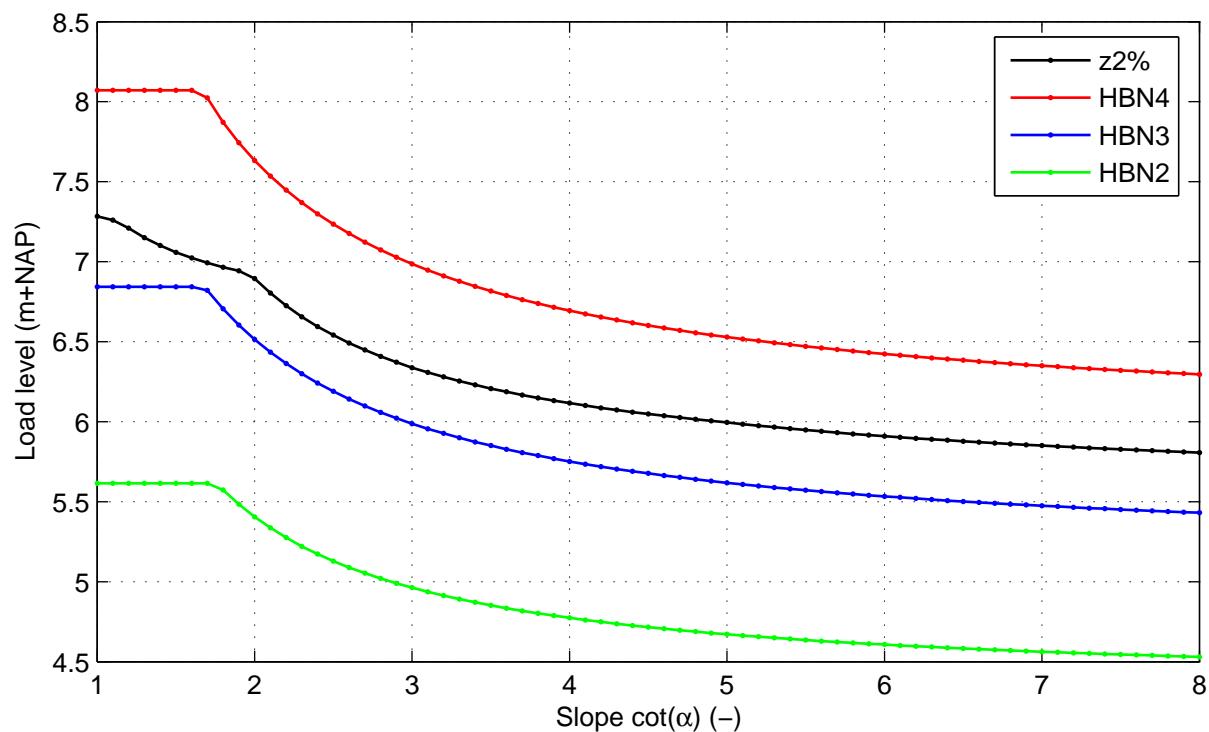
1220043.002

Fig. 4.9



Cross section nr 4; series nr 8; Wave angle: 0 °
Varying slope of all berm segments as a slope

Wave overtopping kernel tests



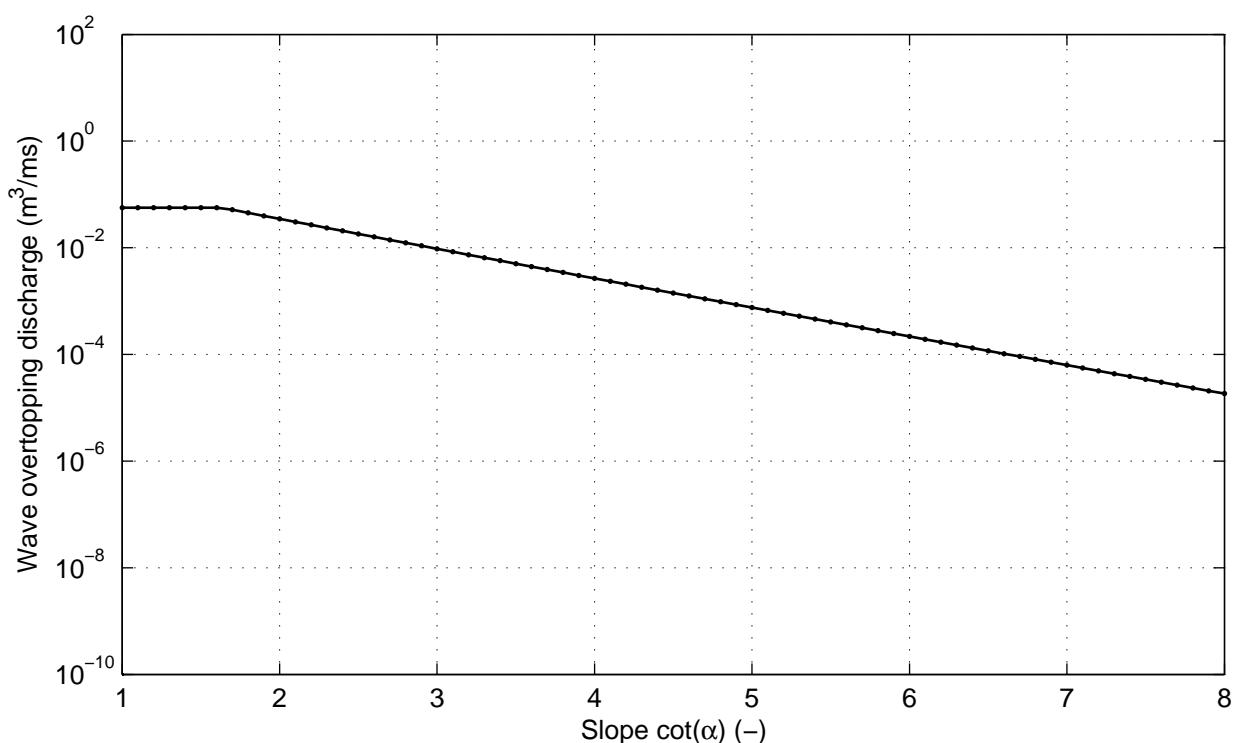
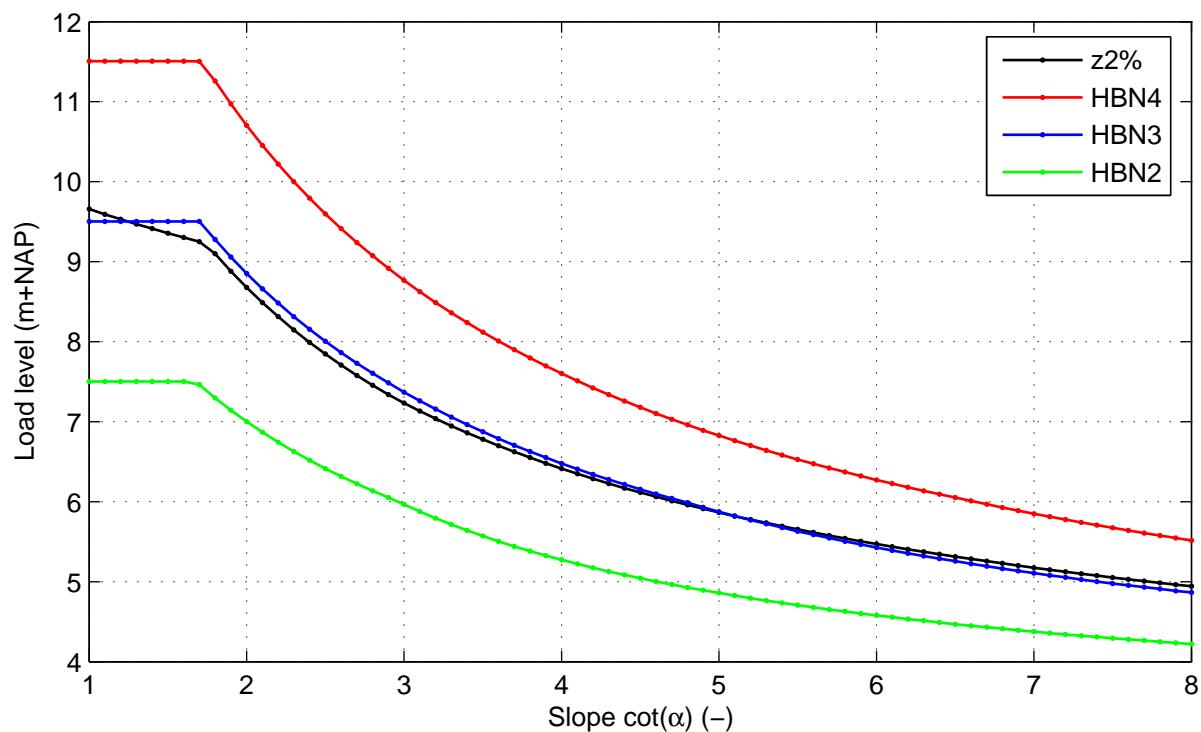
Cross section nr 4; series nr 9; Wave angle: 85 °
Varying slope of all berm segments as a slope

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.11



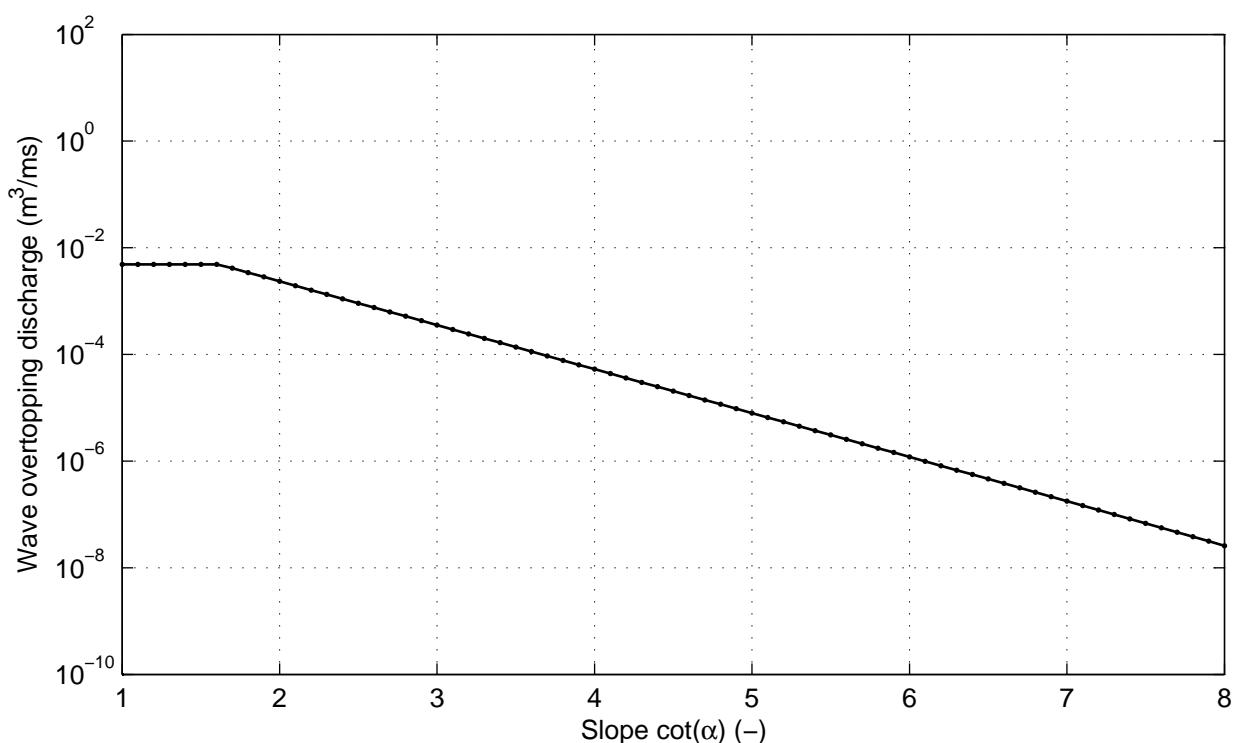
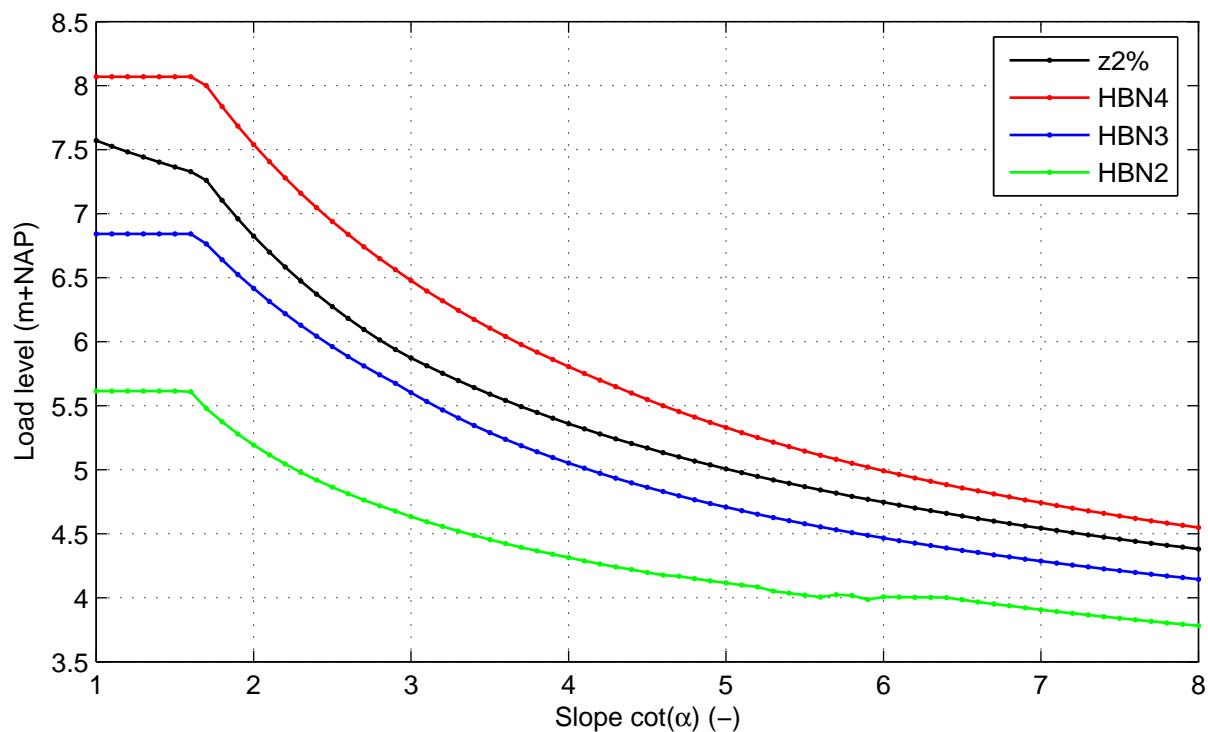
Cross section nr 4; series nr 10; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.12



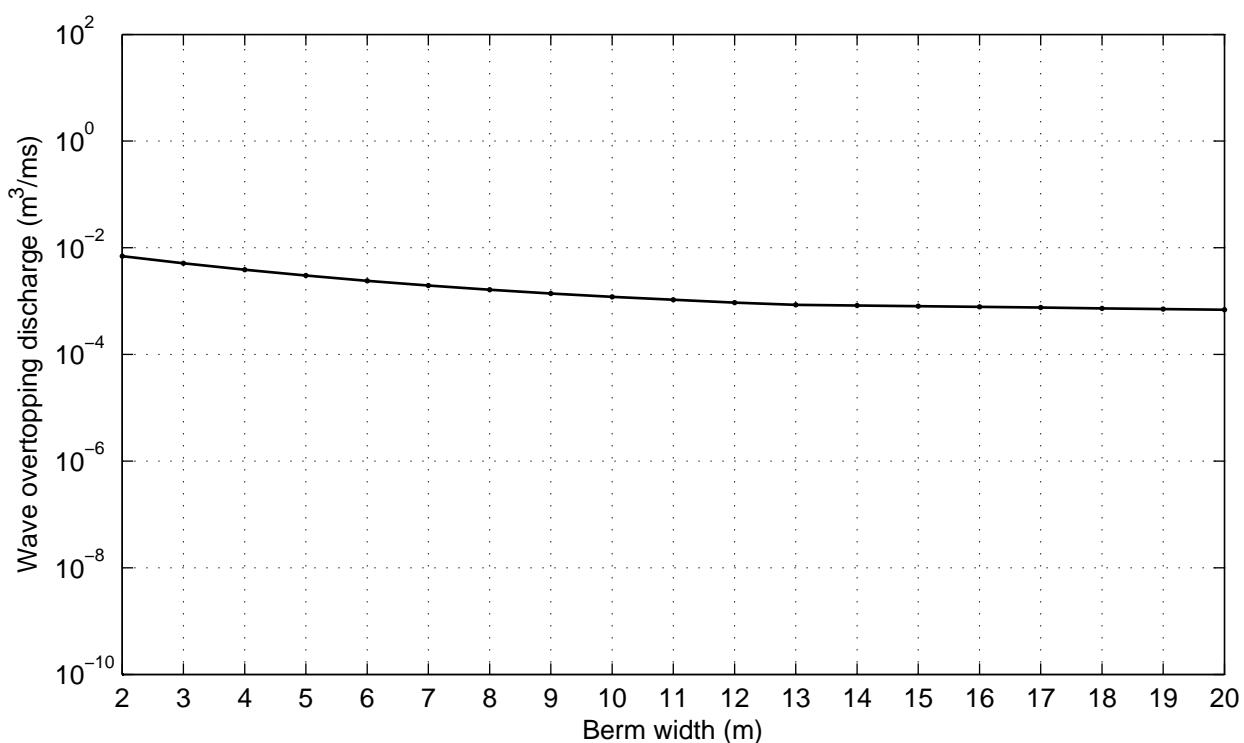
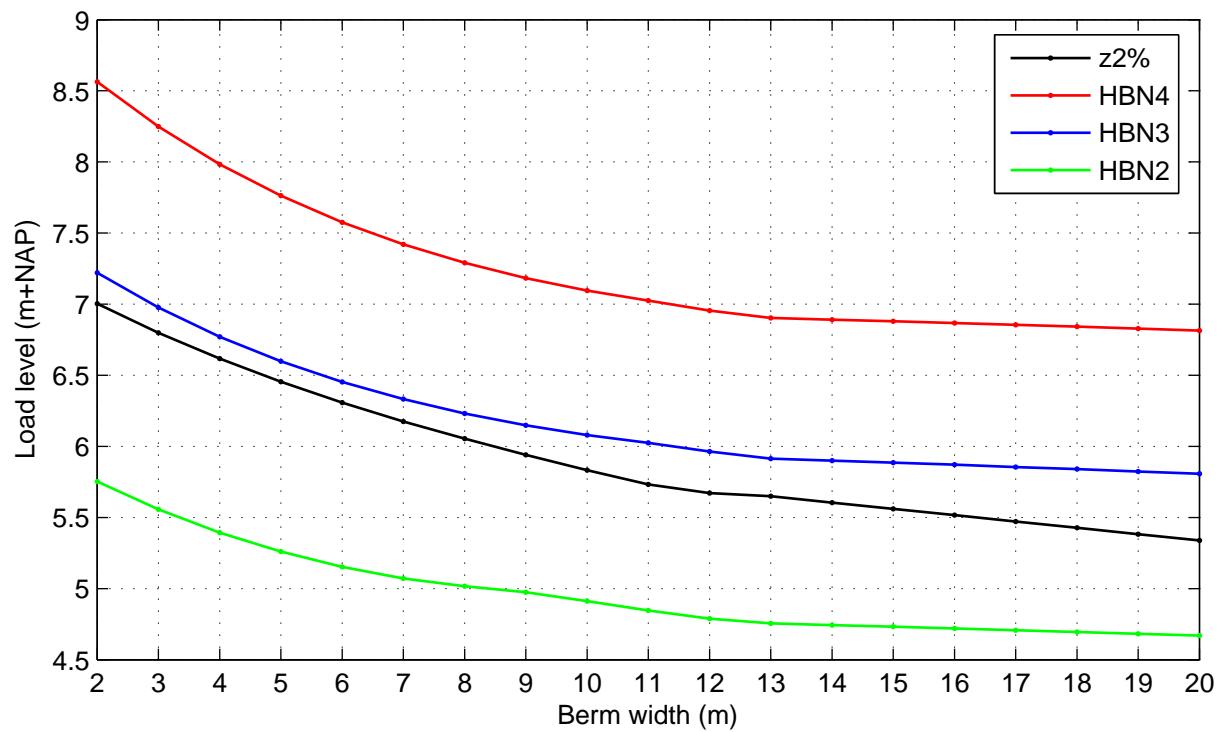
Cross section nr 4; series nr 11; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.13



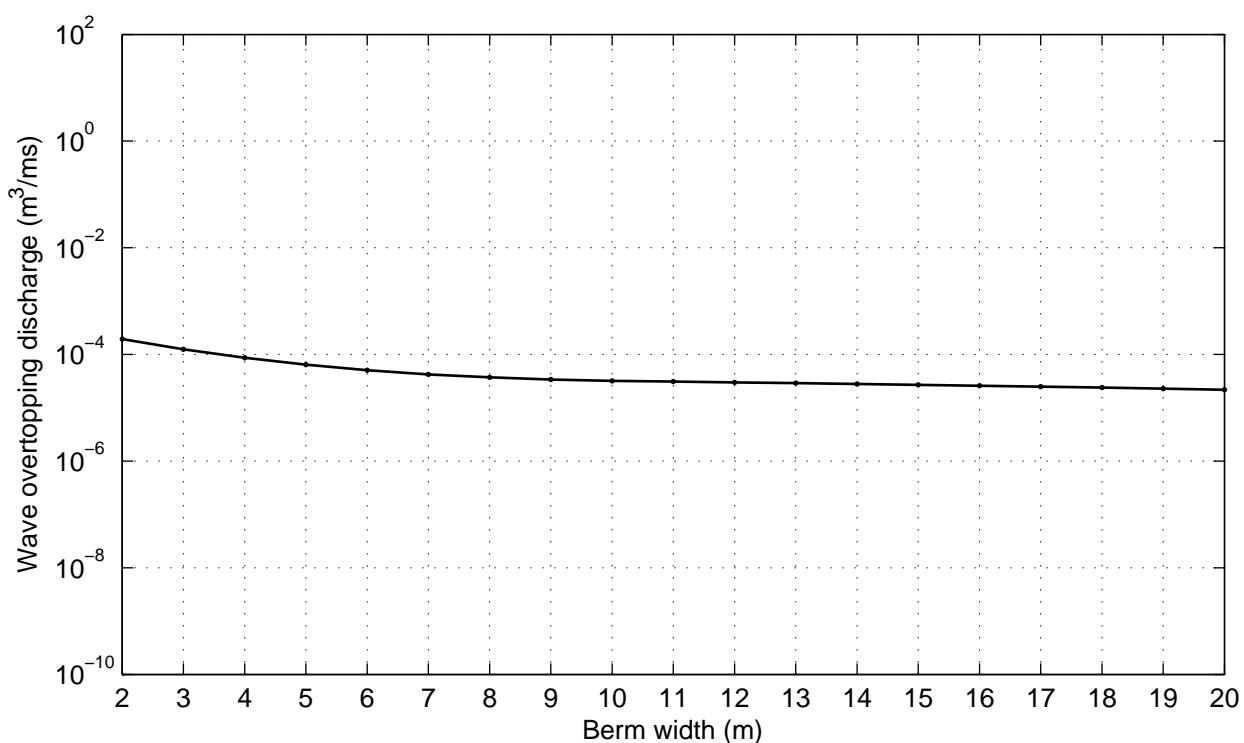
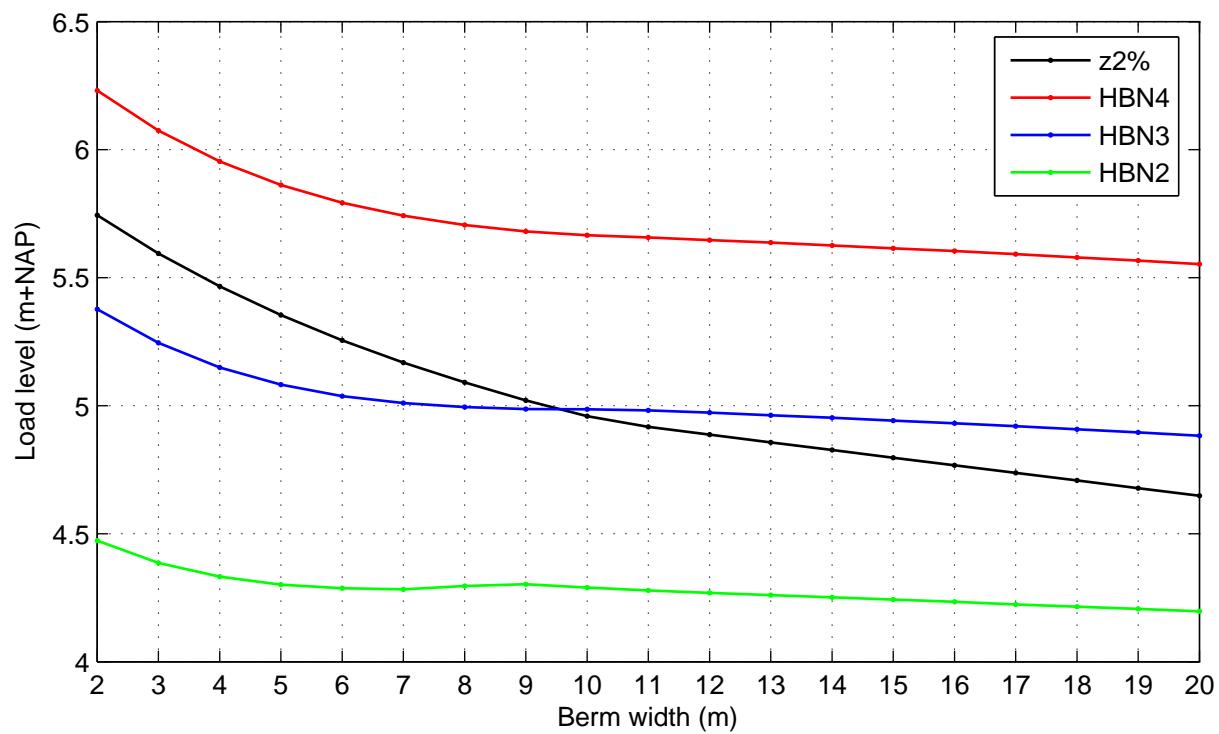
Cross section nr 4; series nr 12; Wave angle: 0 °
Varying berm width

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.14



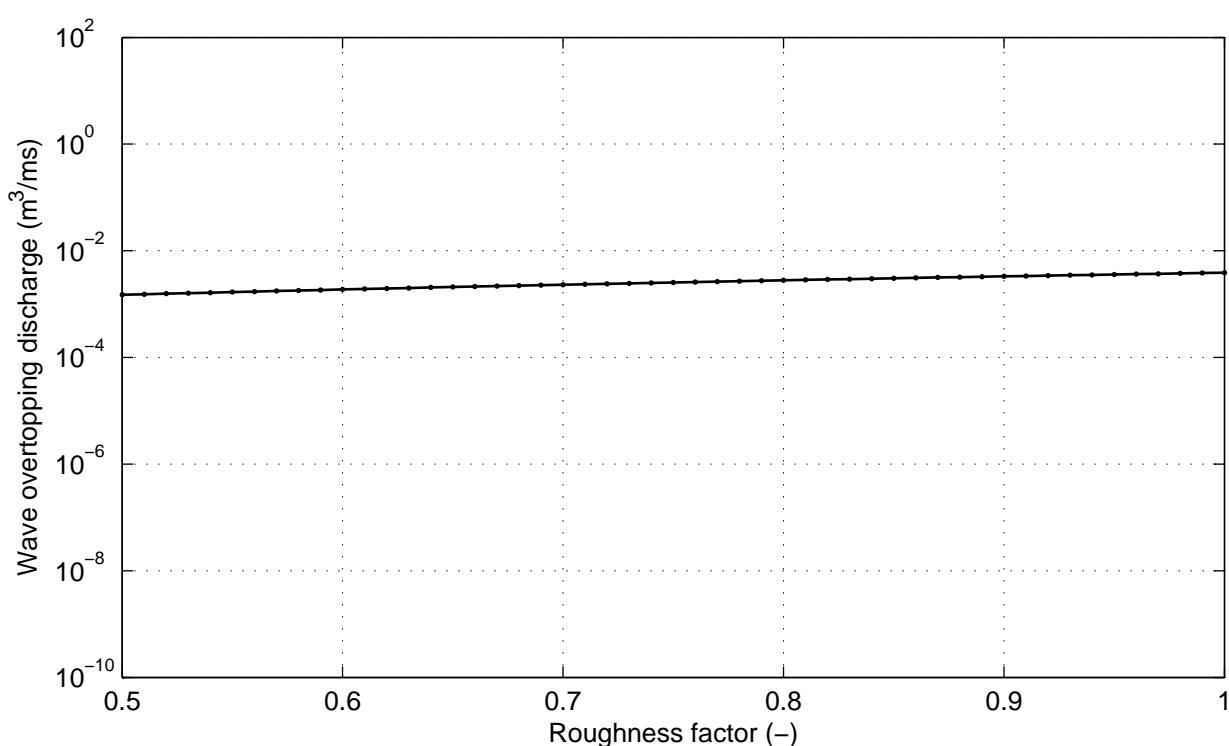
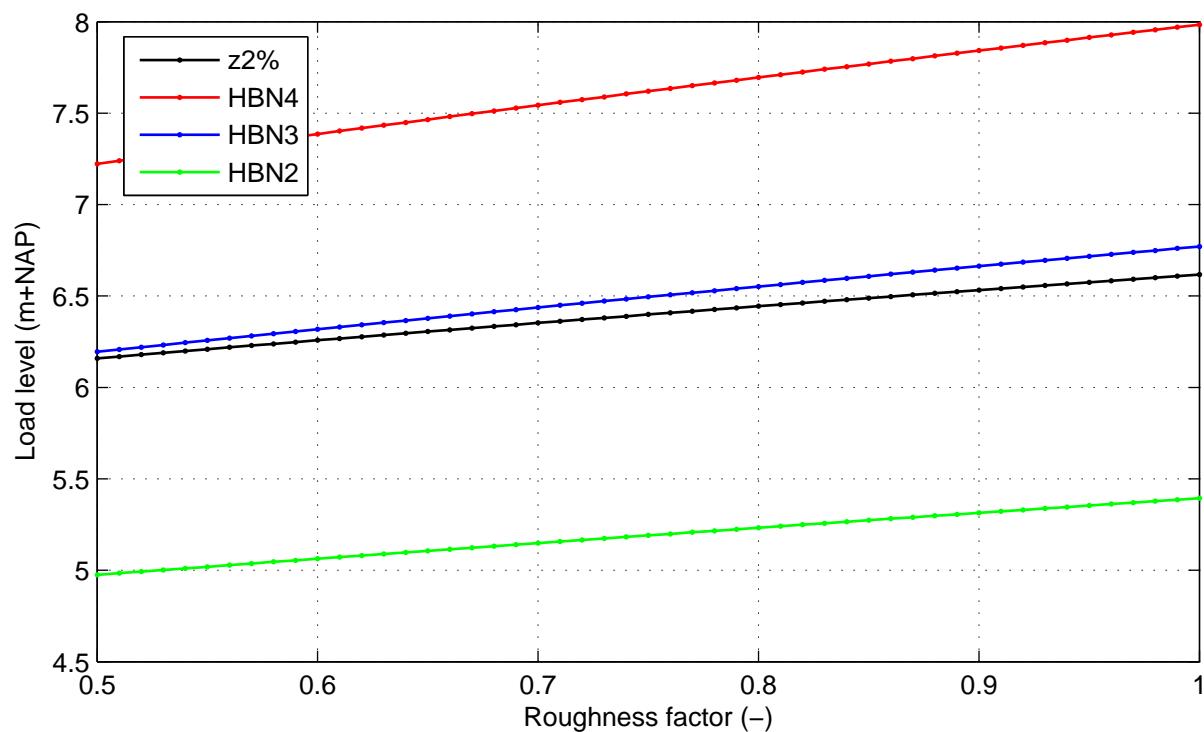
Cross section nr 4; series nr 13; Wave angle: 85 °
Varying berm width

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.15



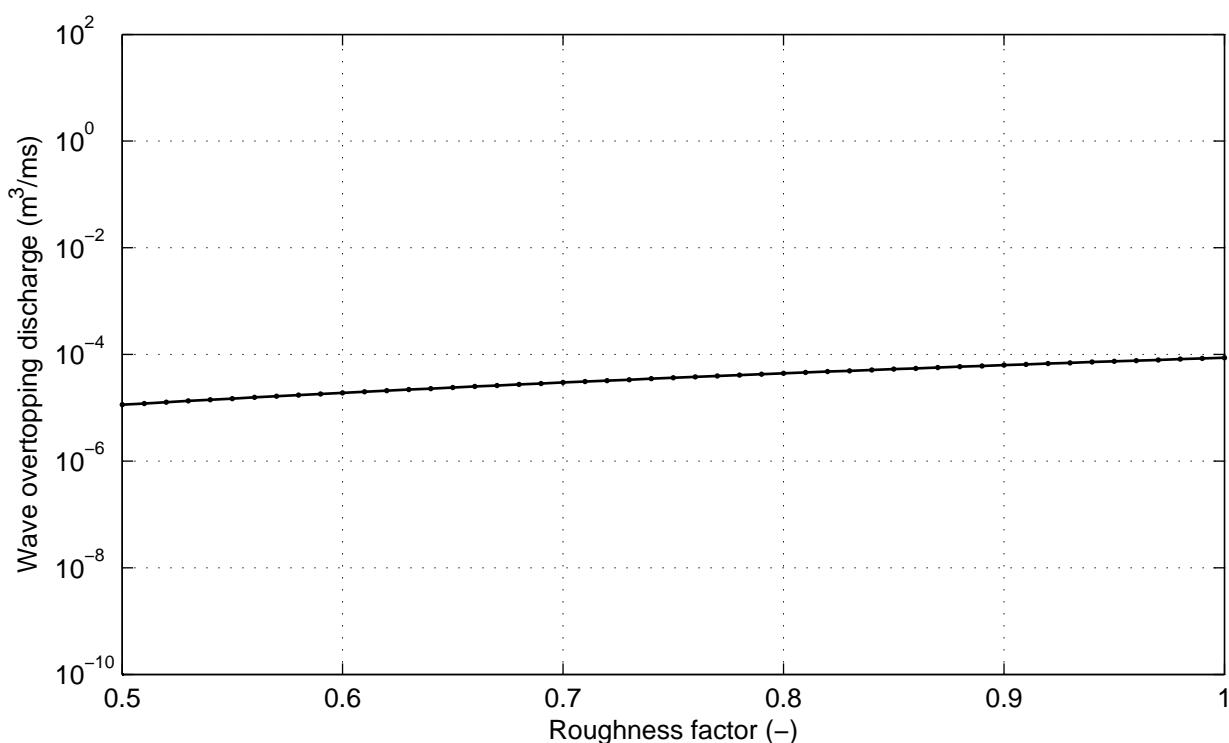
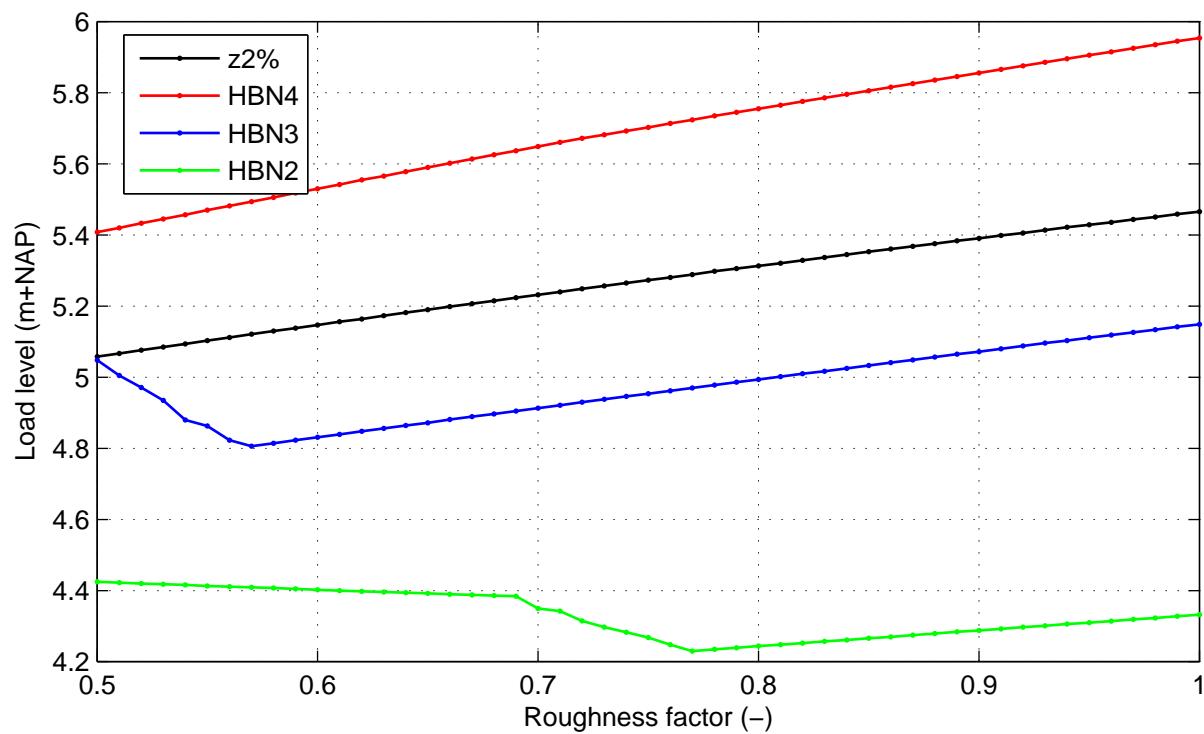
Cross section nr 4; series nr 14; Wave angle: 0 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.16



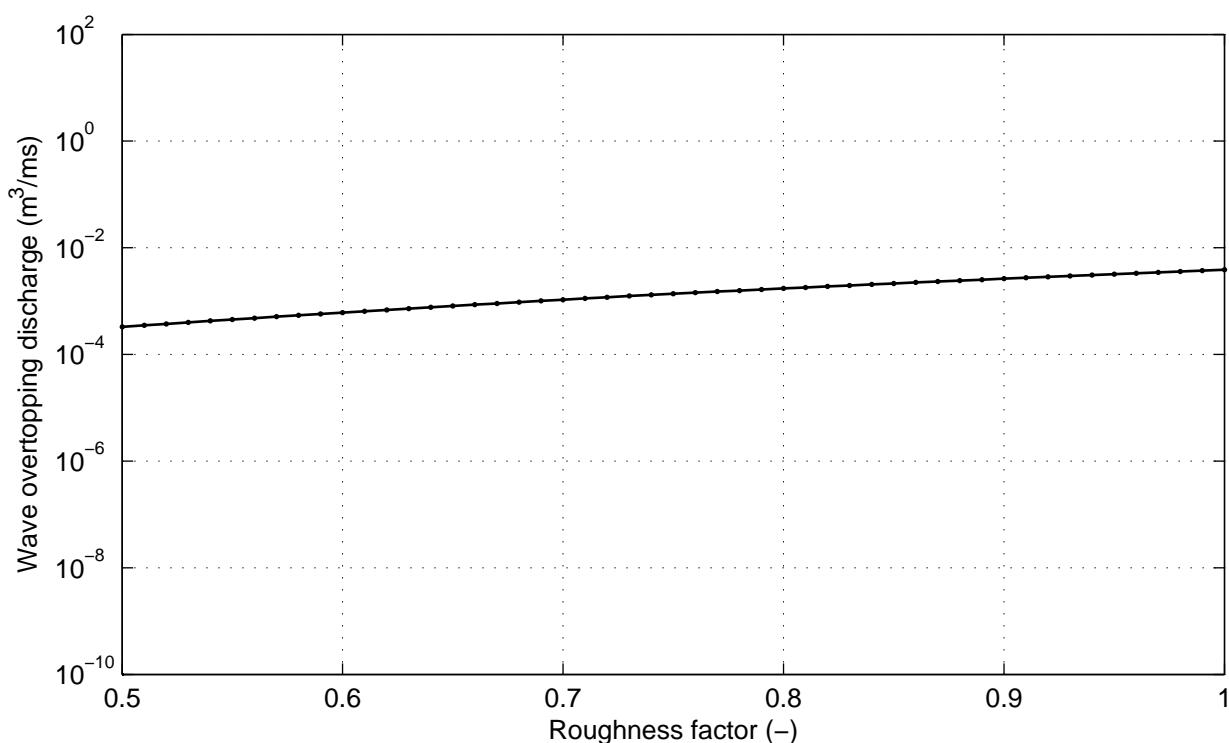
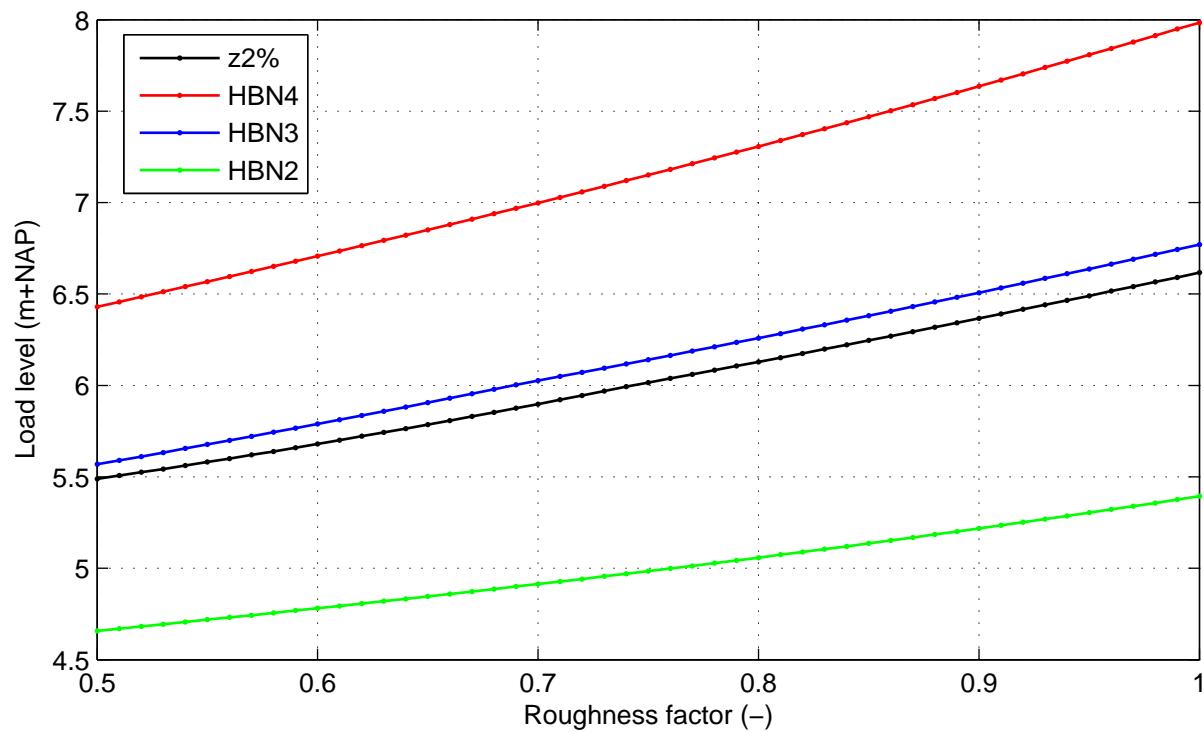
Cross section nr 4; series nr 15; Wave angle: 85 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.17



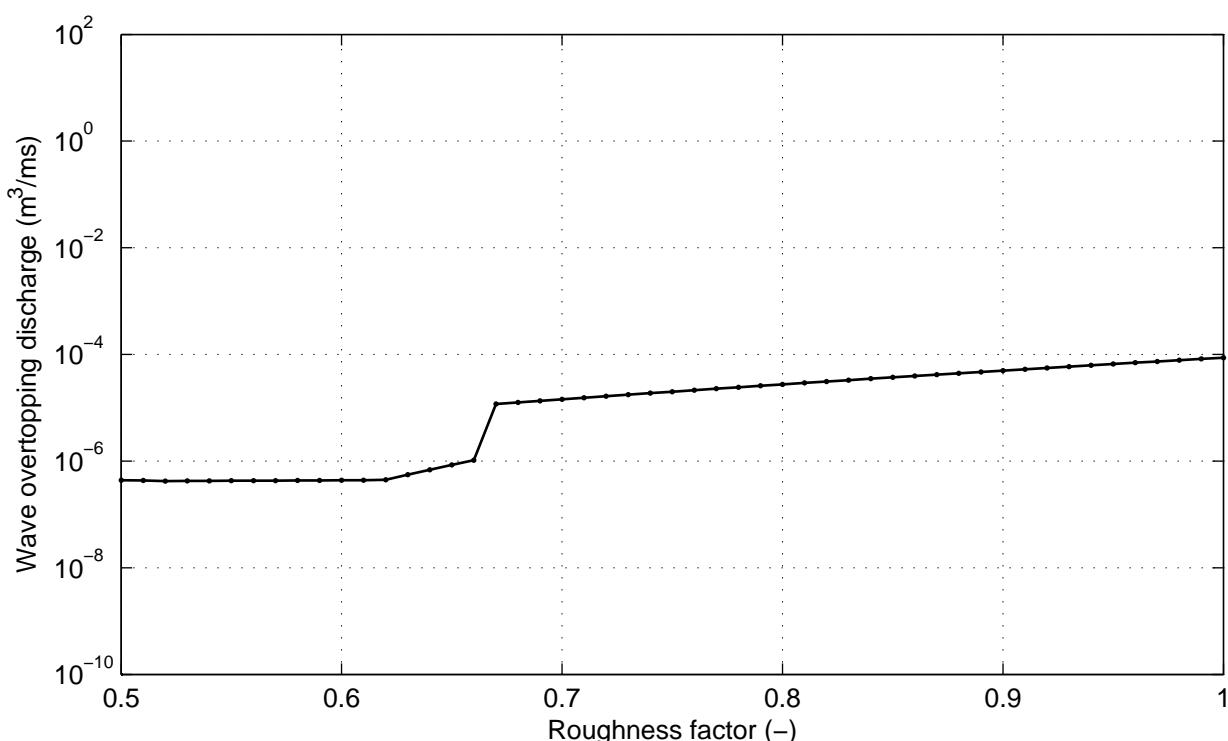
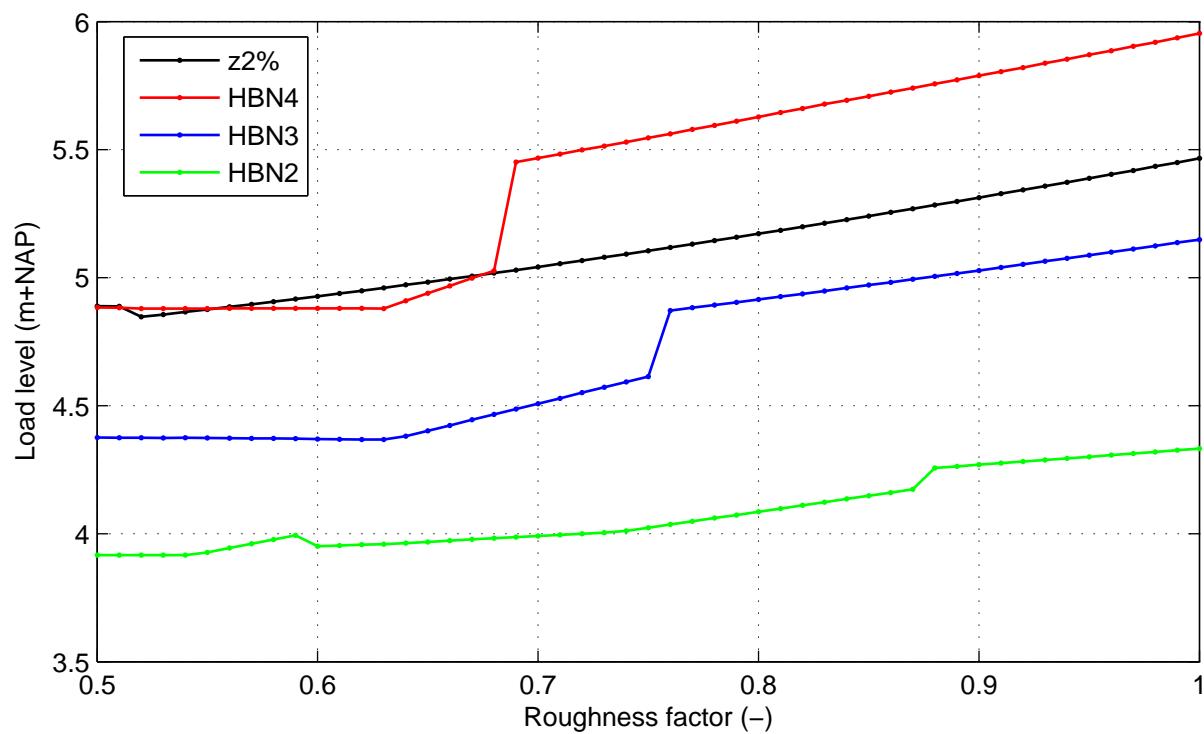
Cross section nr 4; series nr 16; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.18



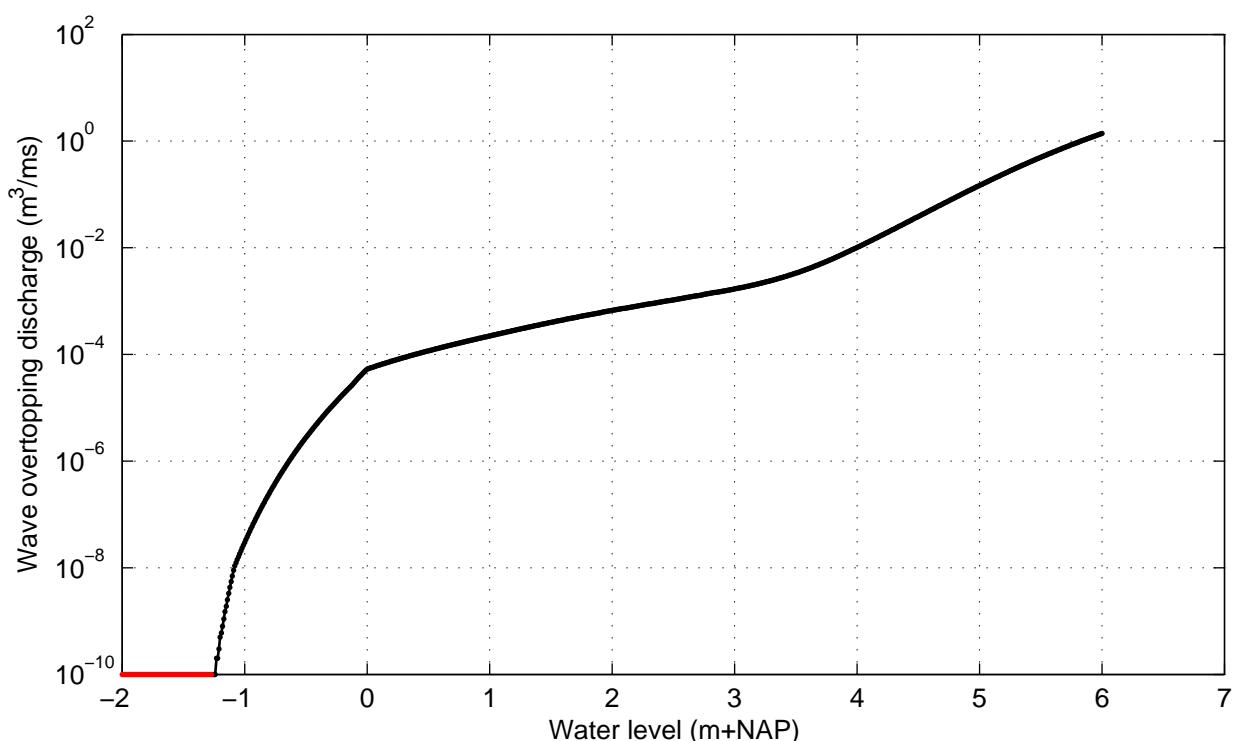
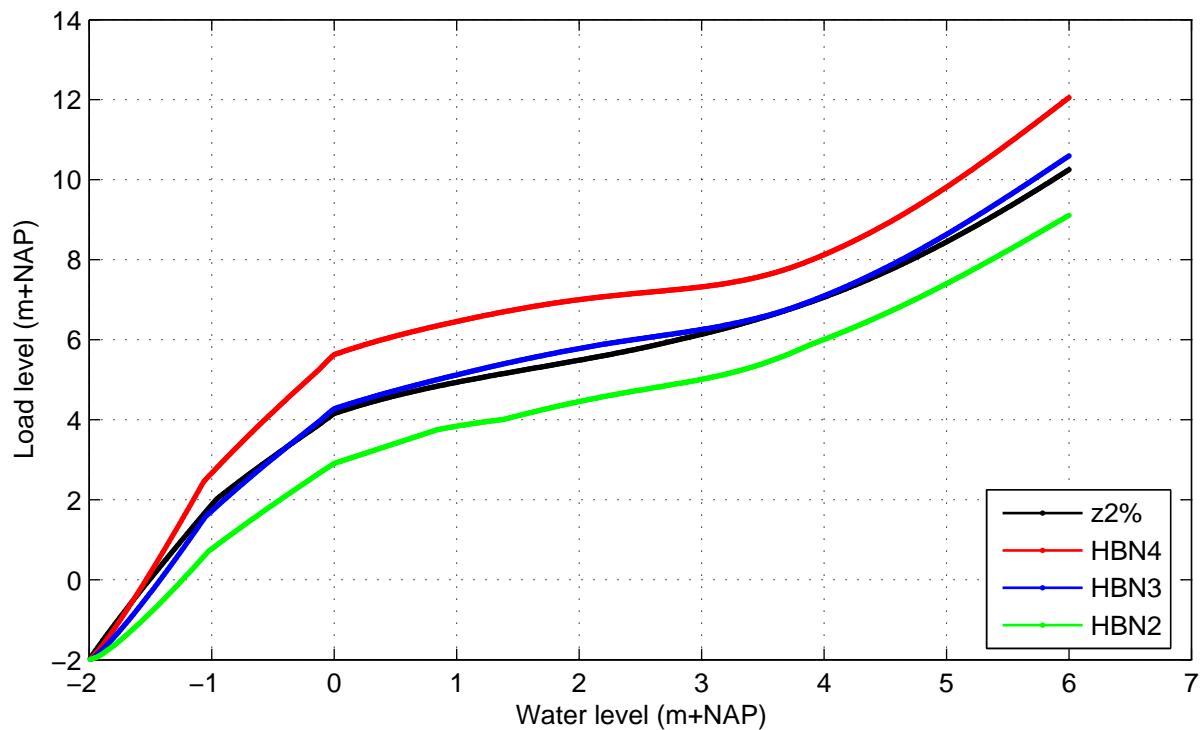
Cross section nr 4; series nr 17; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 4.19



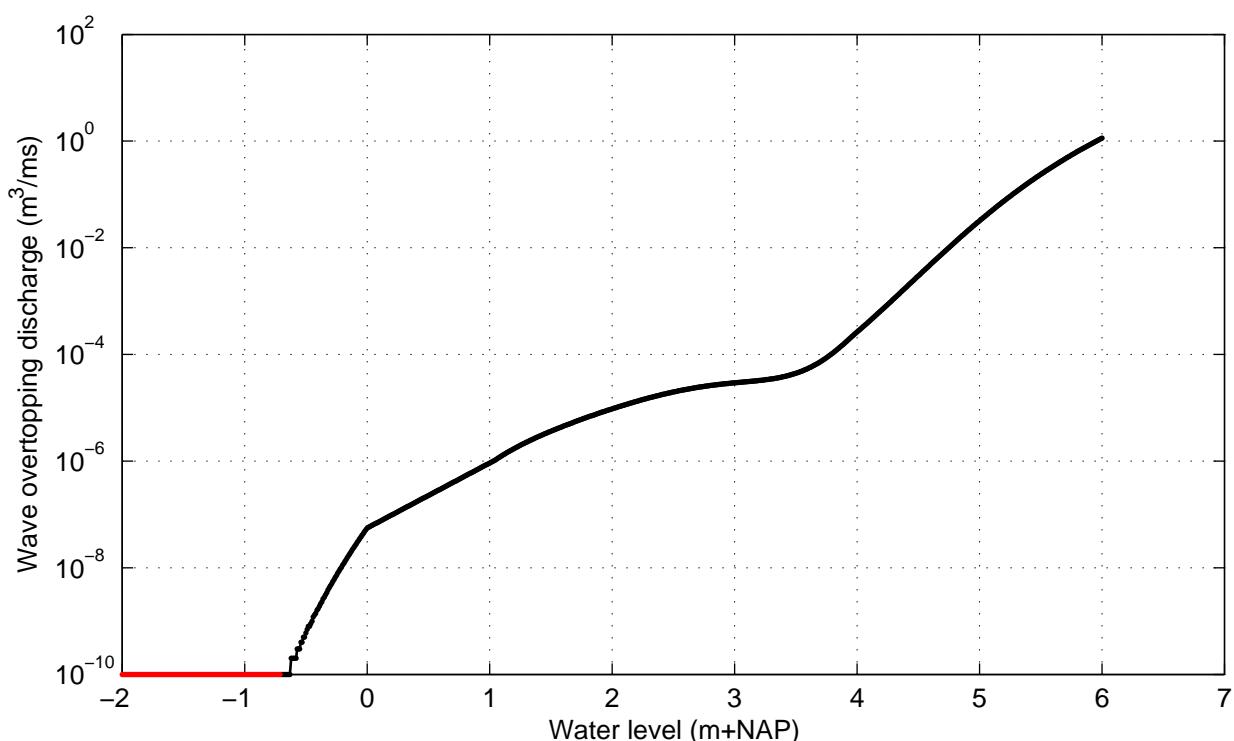
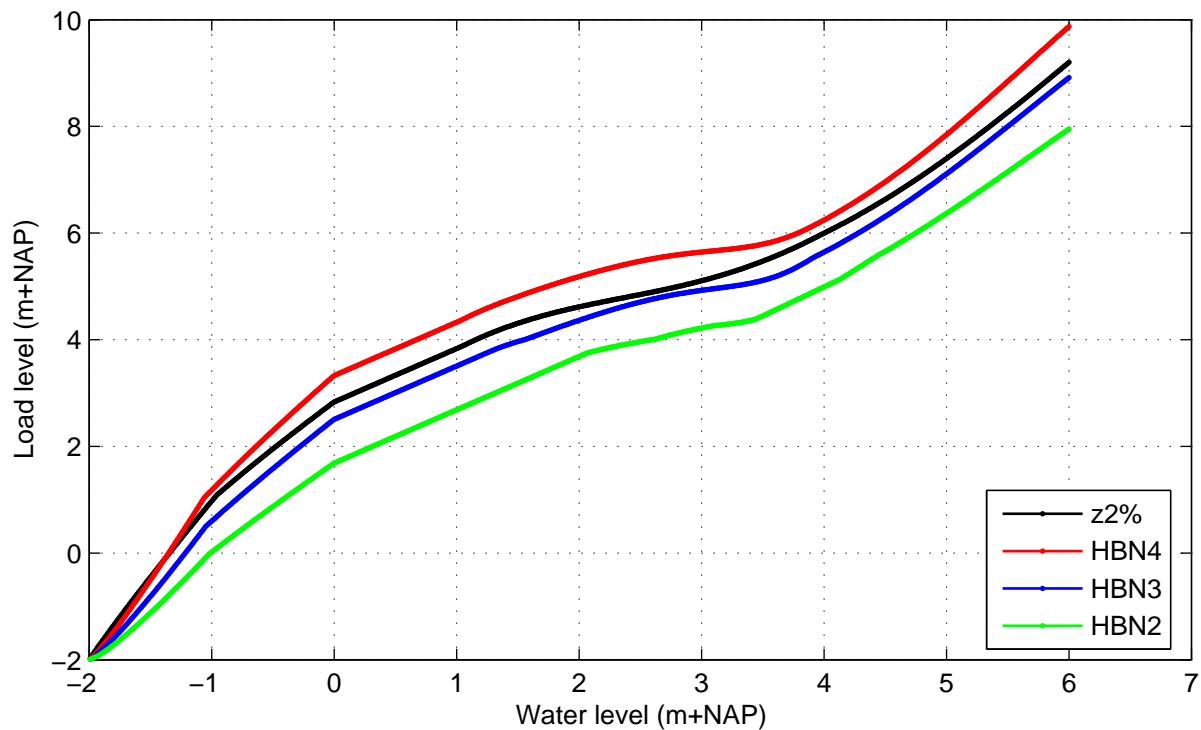
Cross section nr 5; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.1



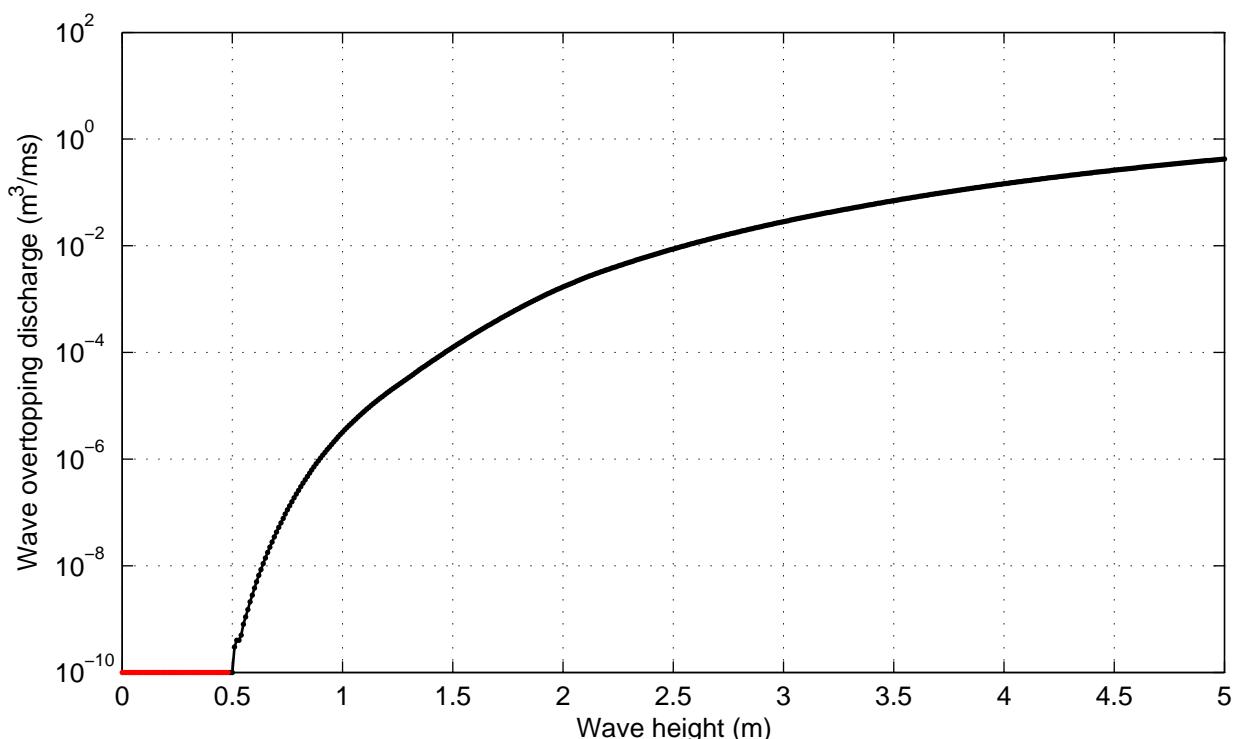
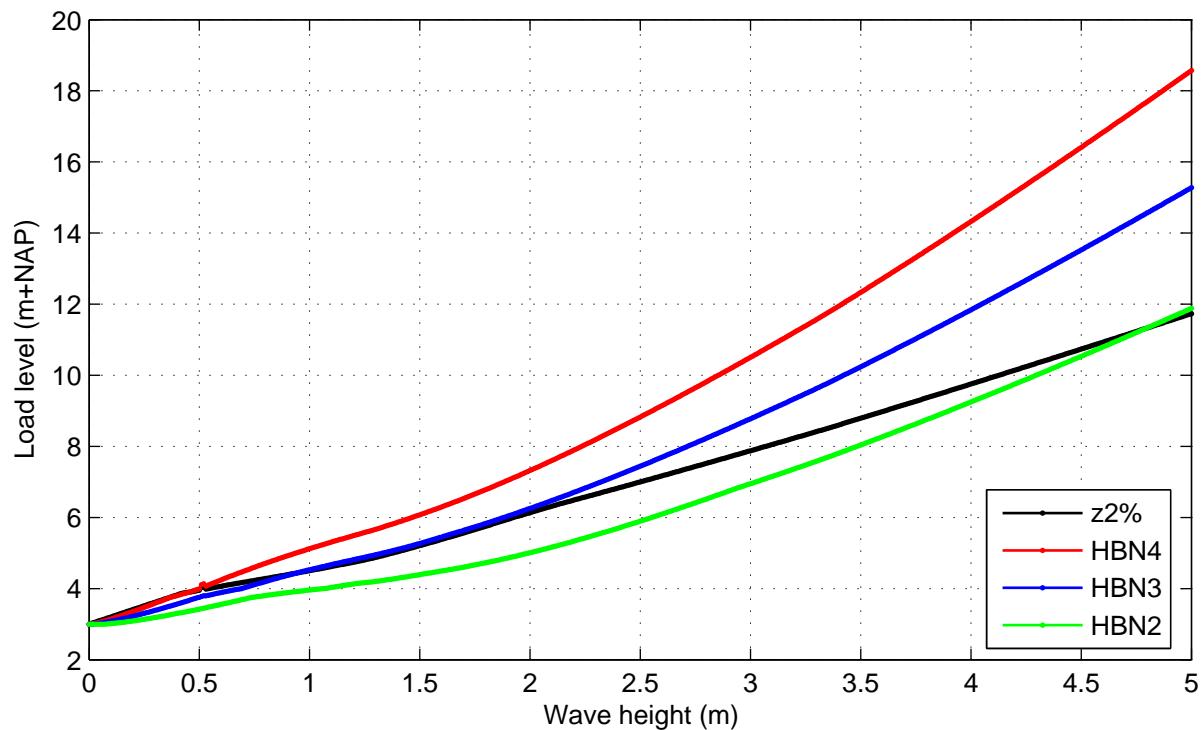
Cross section nr 5; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.2



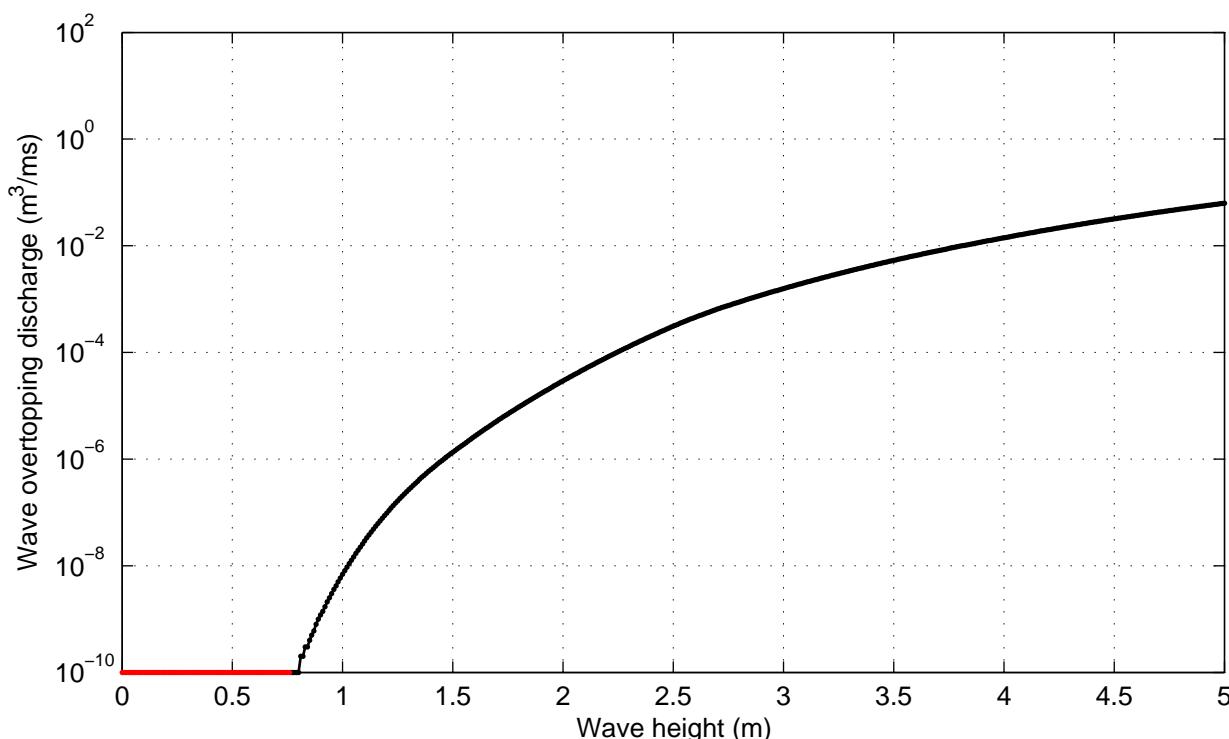
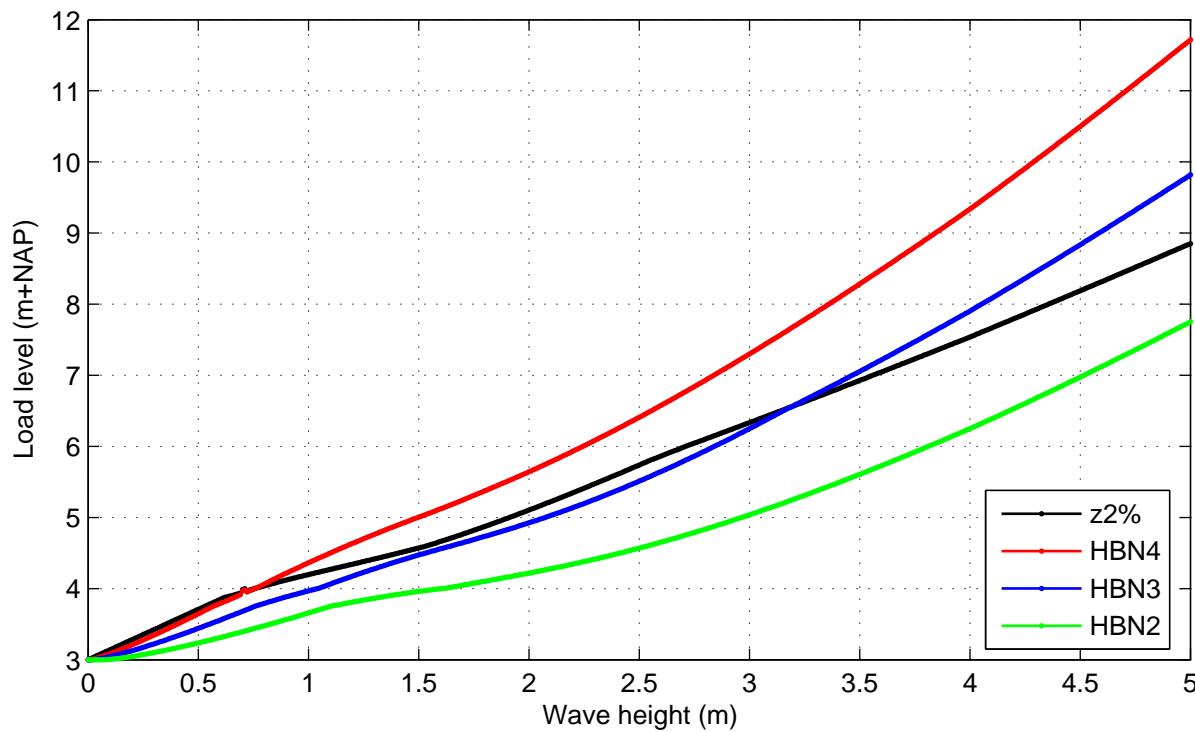
Cross section nr 5; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.3



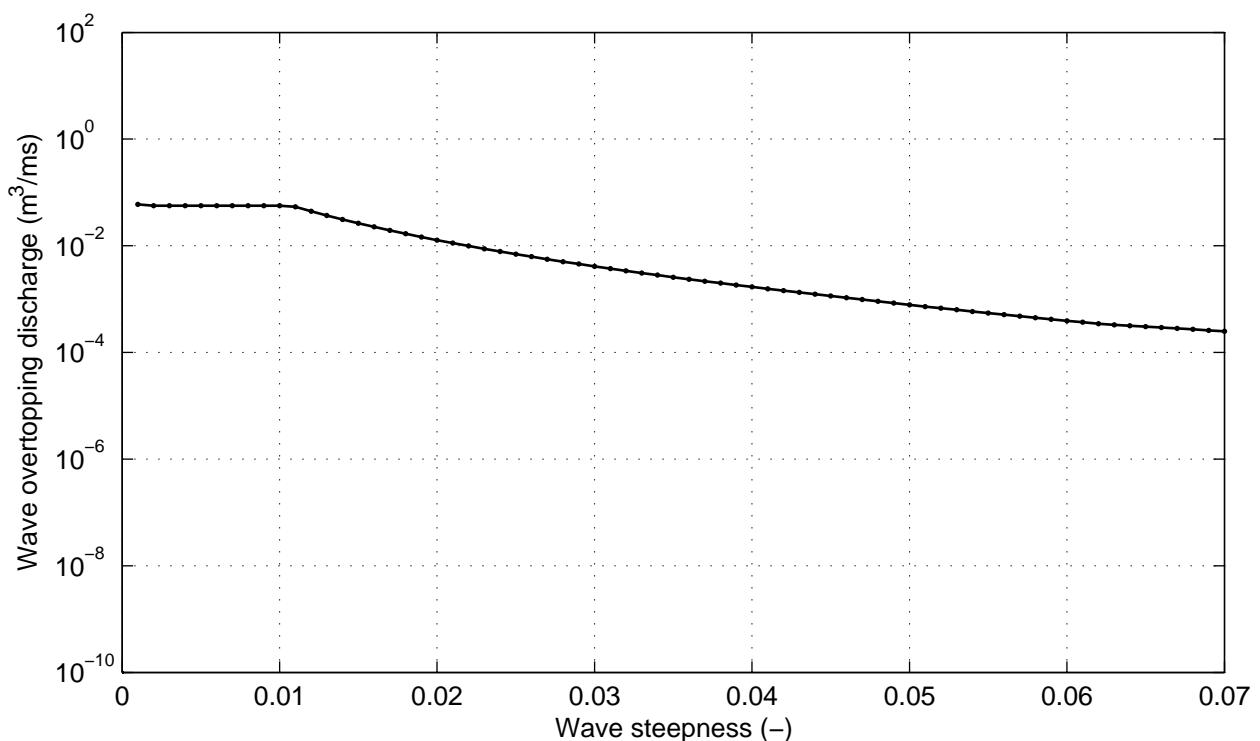
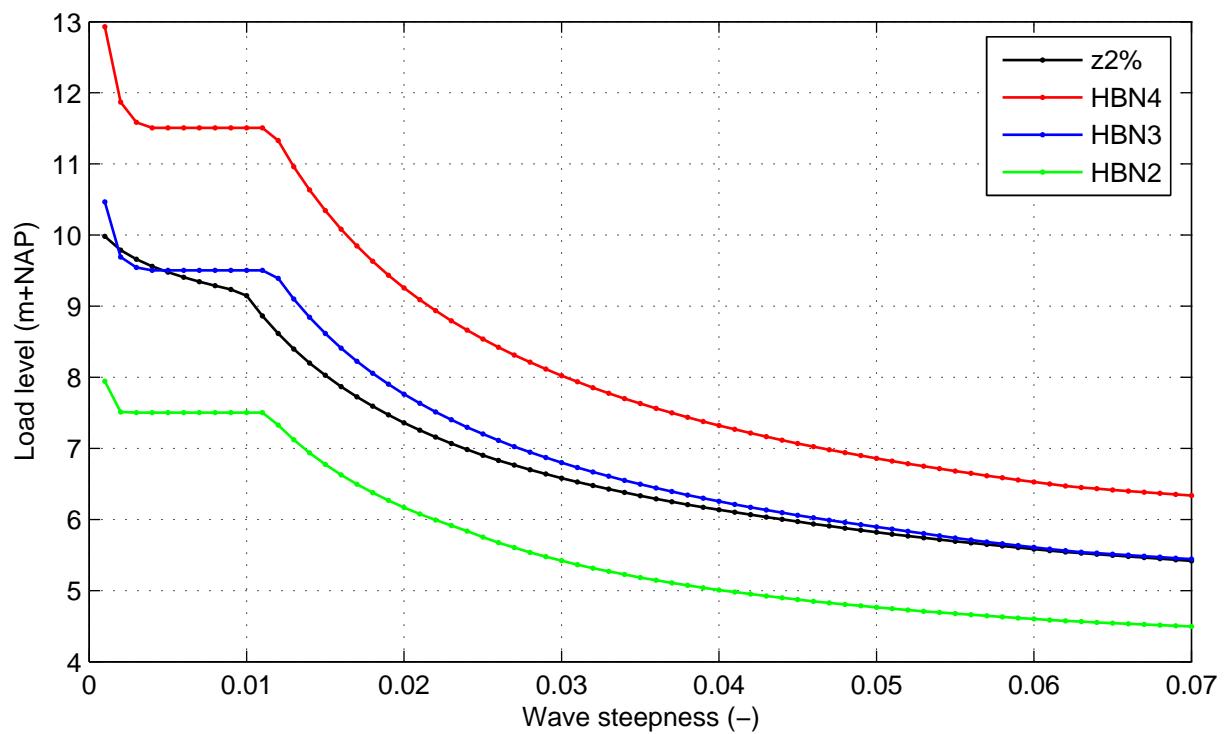
Cross section nr 5; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.4



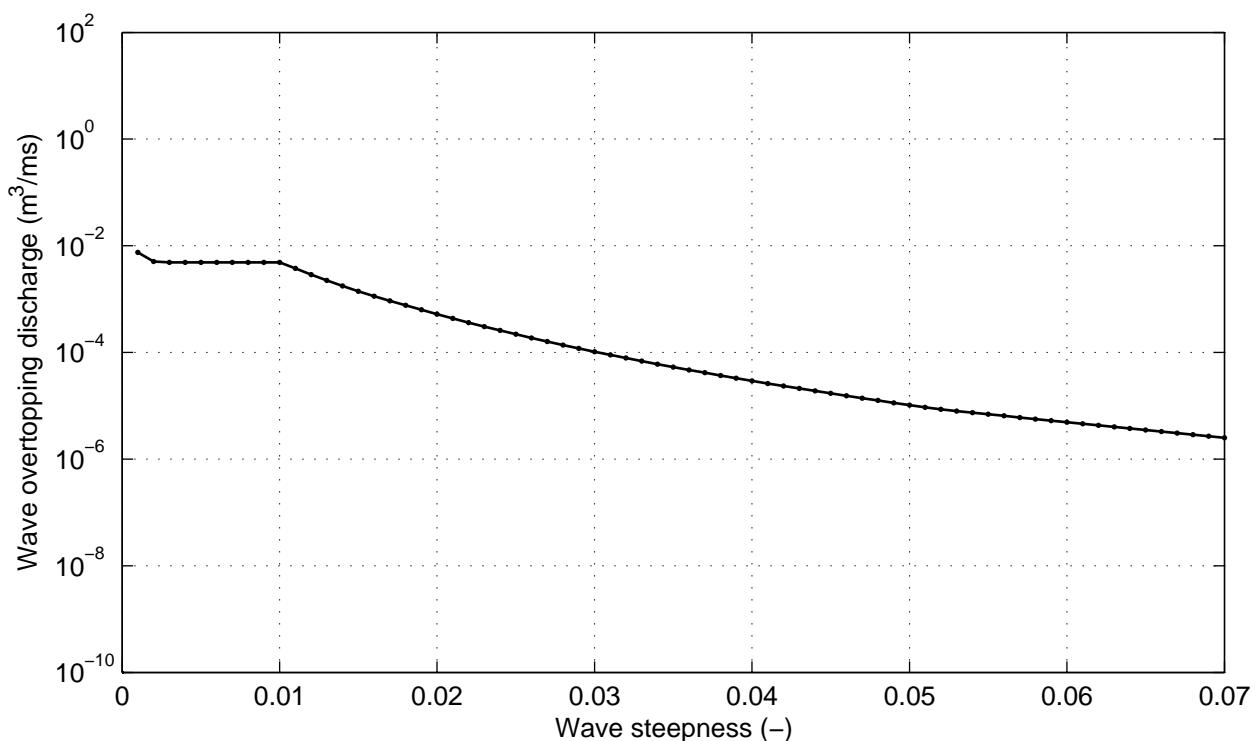
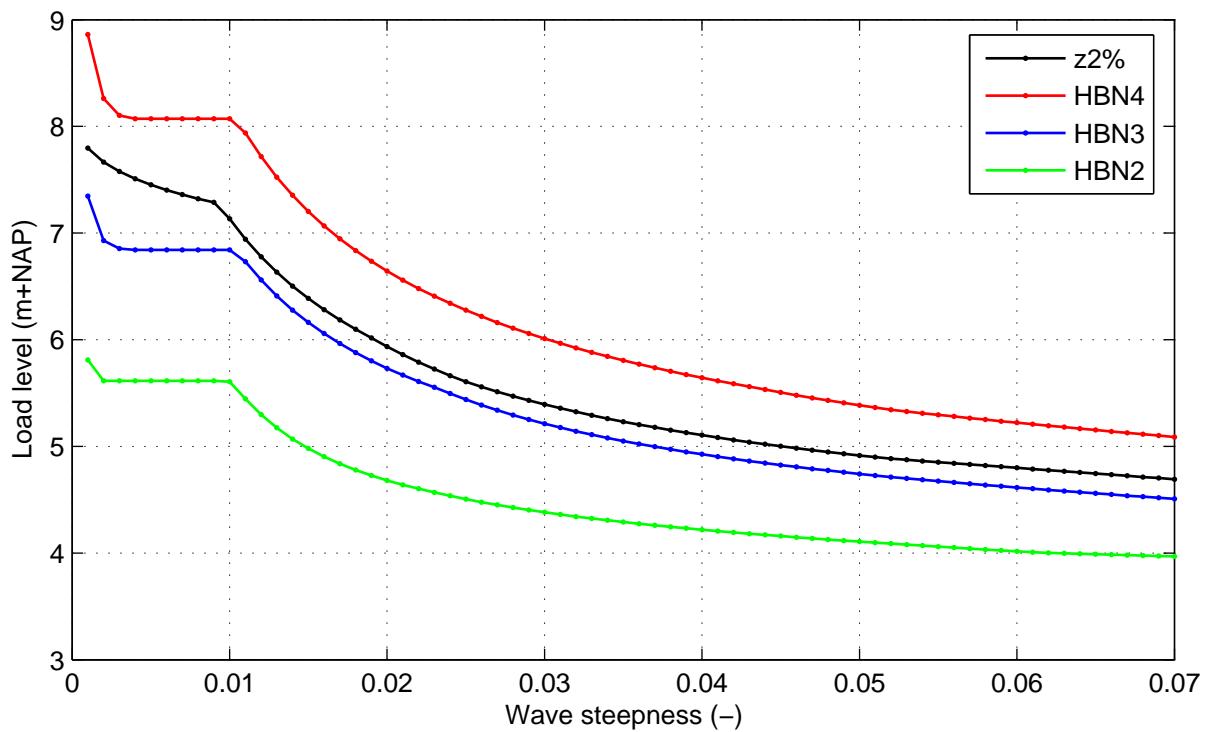
Cross section nr 5; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.5



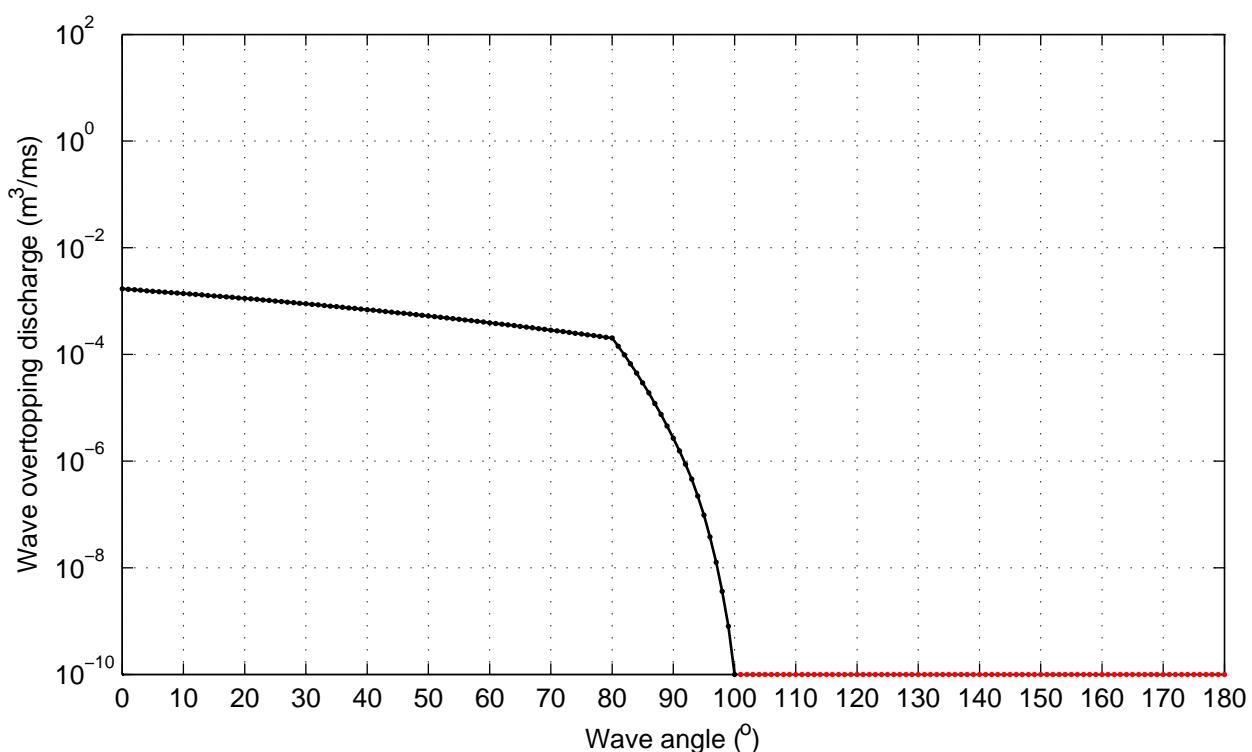
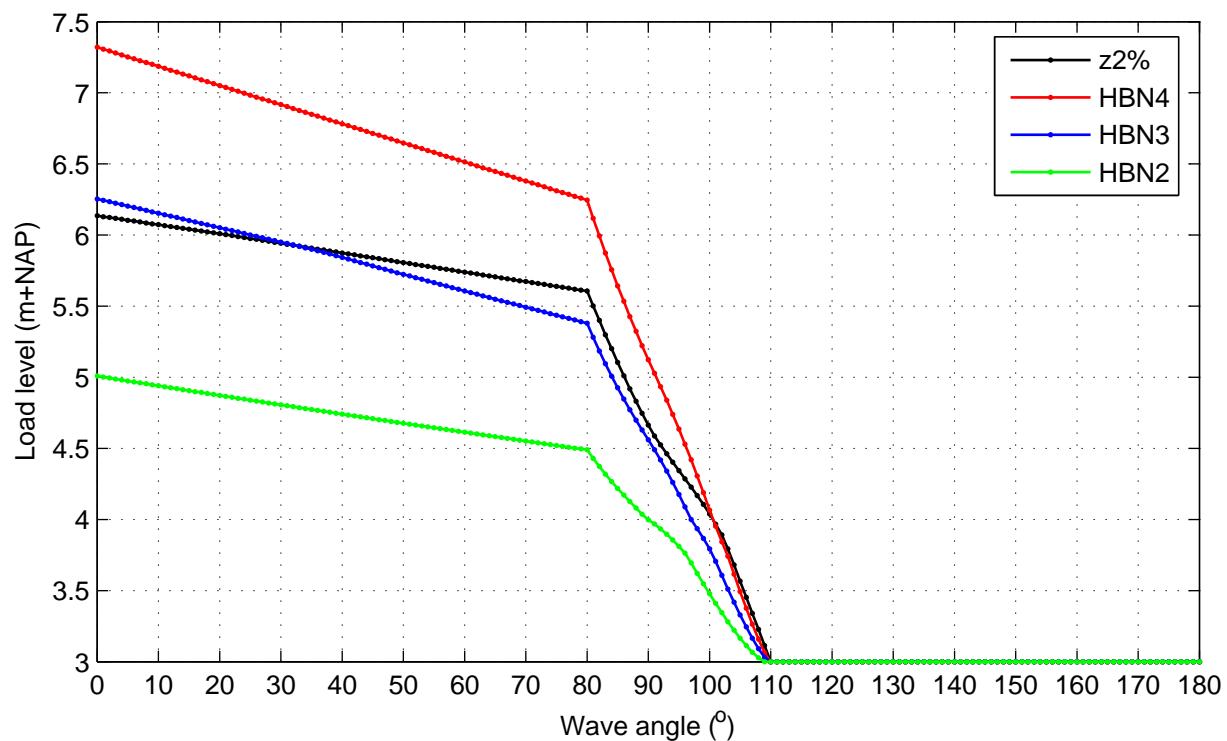
Cross section nr 5; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.6



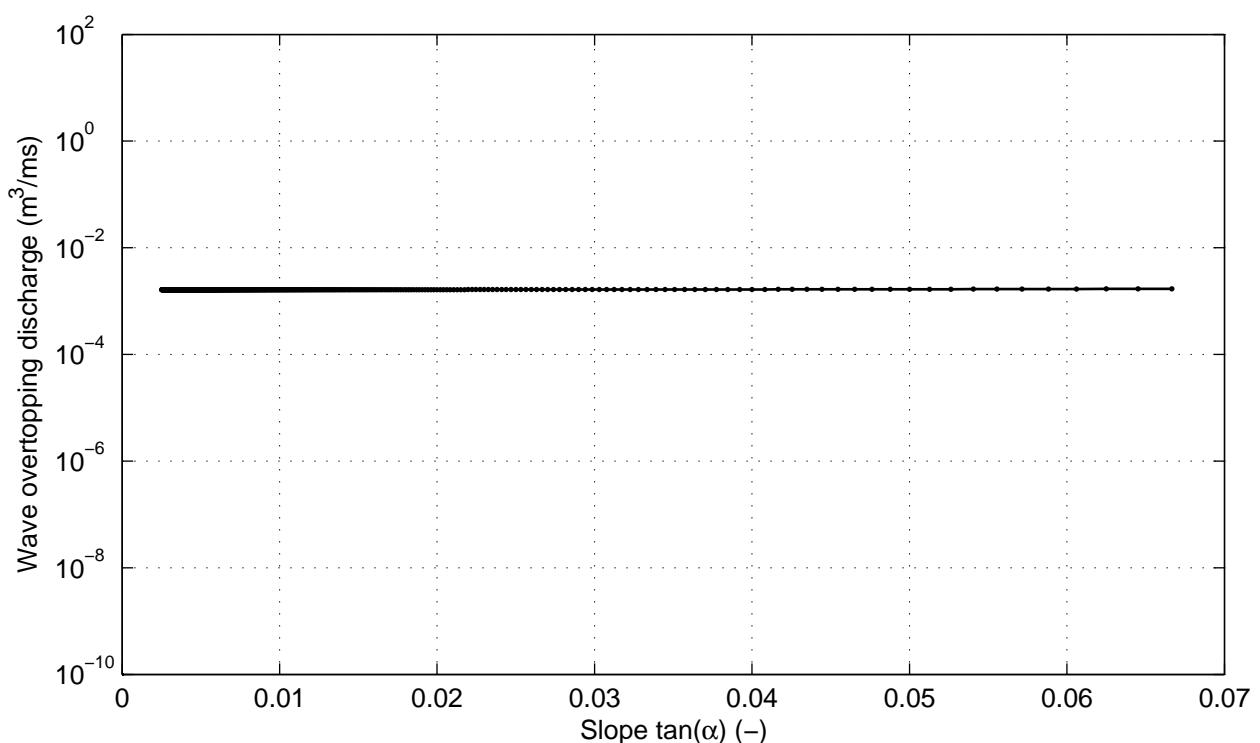
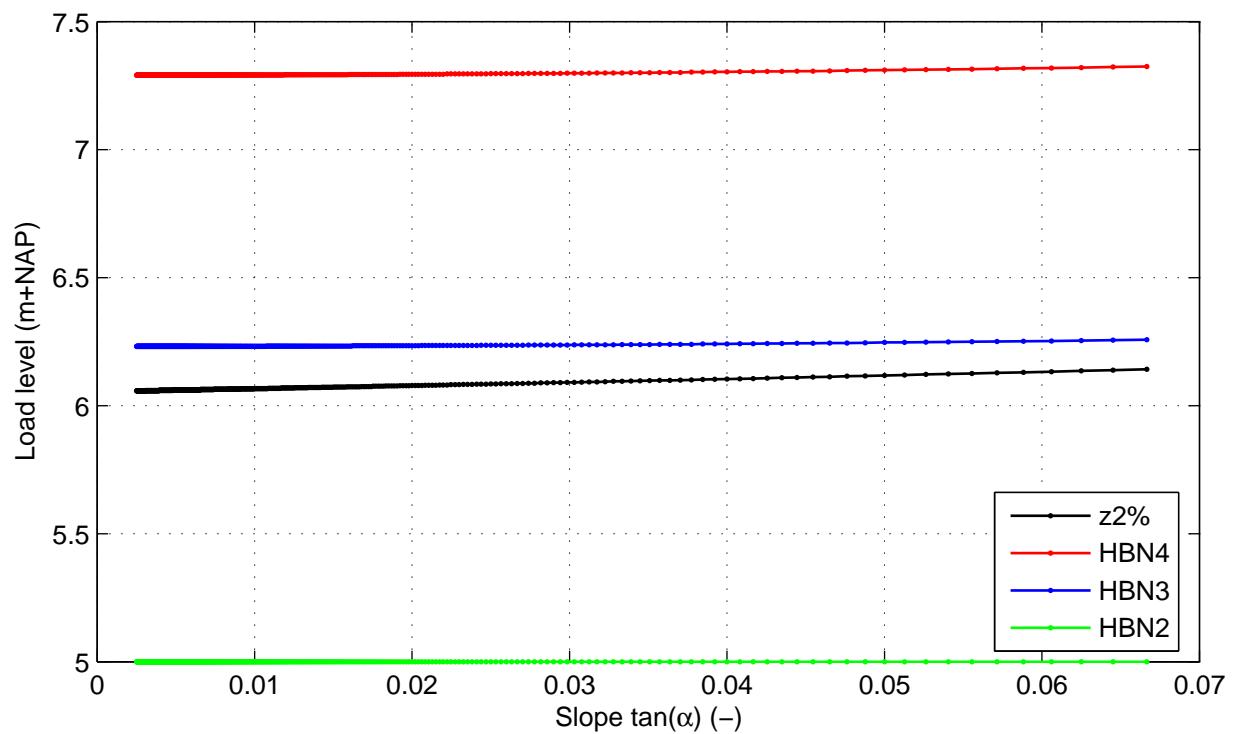
Cross section nr 5; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

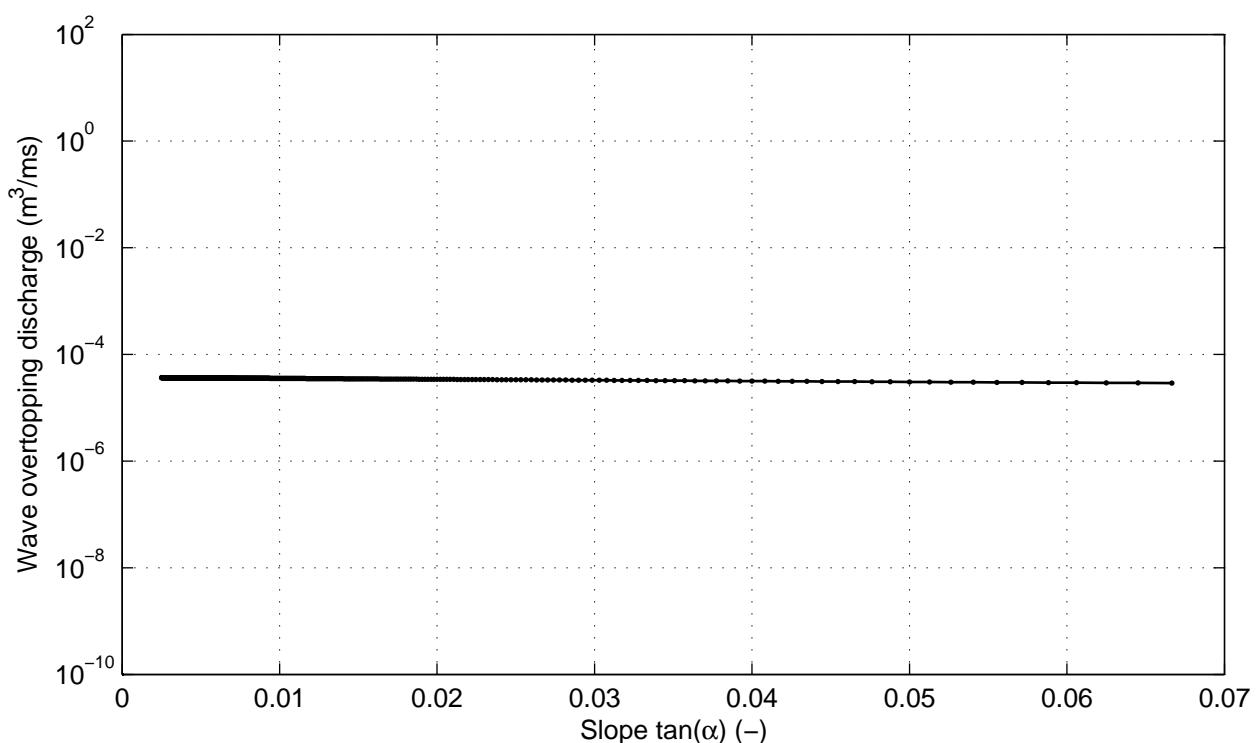
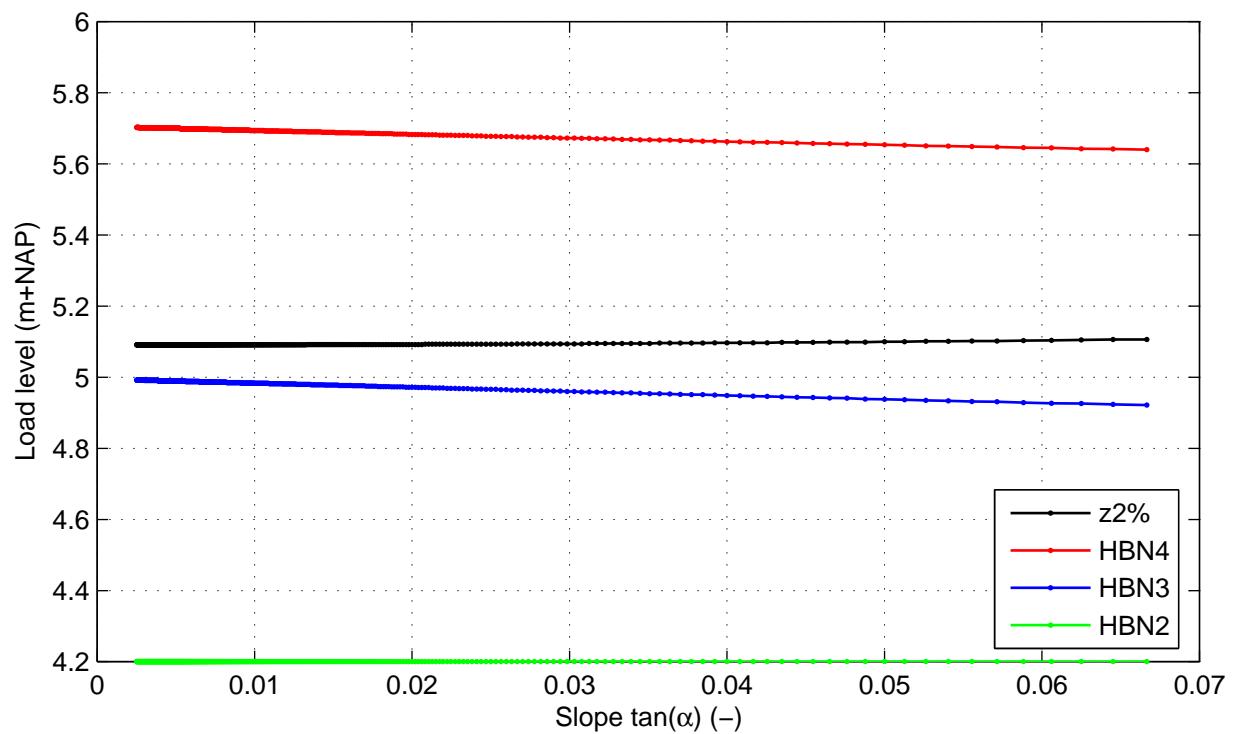
1220043.002

Fig. 5.7



Cross section nr 5; series nr 8; Wave angle: 0 °
Varying slope first (lower) berm segment as a berm

Wave overtopping kernel tests



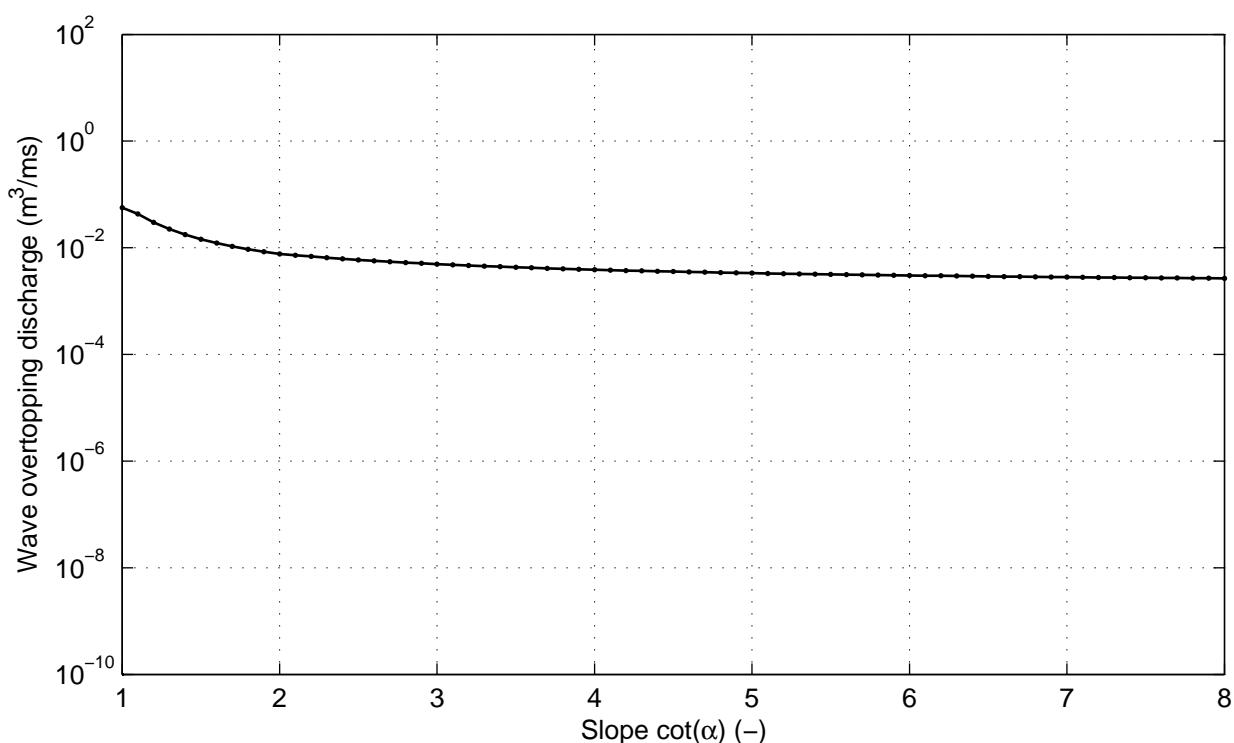
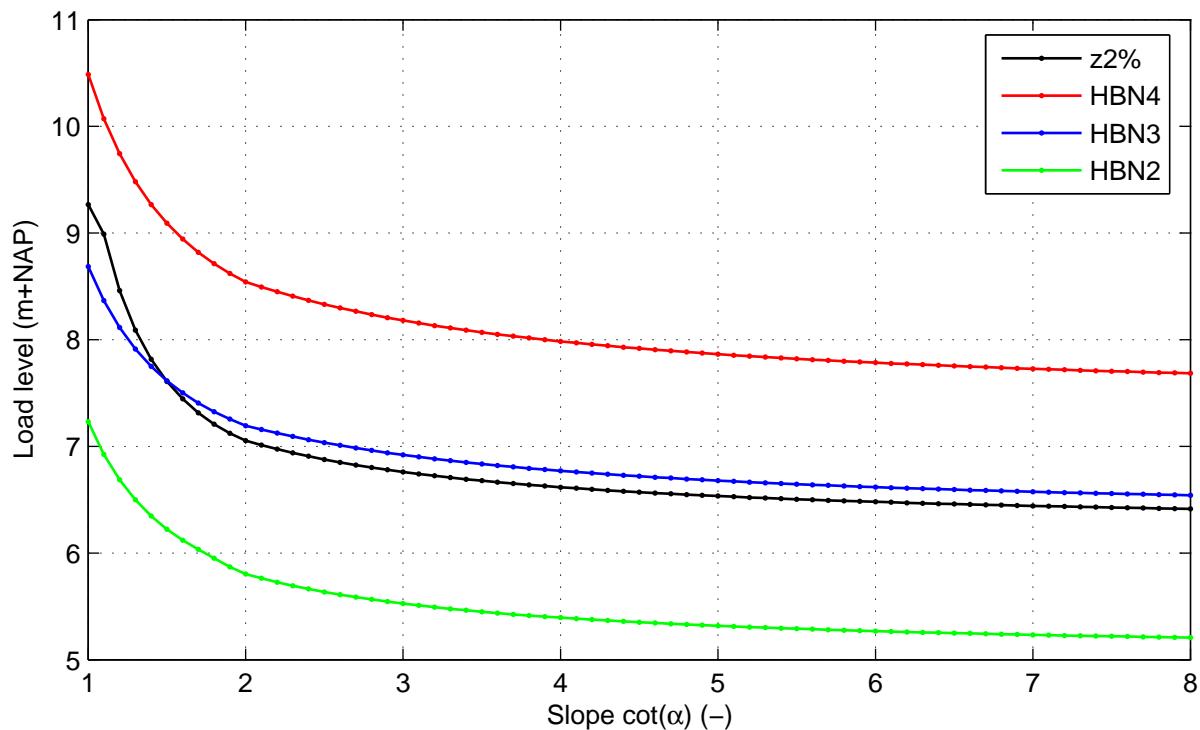
Cross section nr 5; series nr 9; Wave angle: 85 °
Varying slope first (lower) berm segment as a berm

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.9



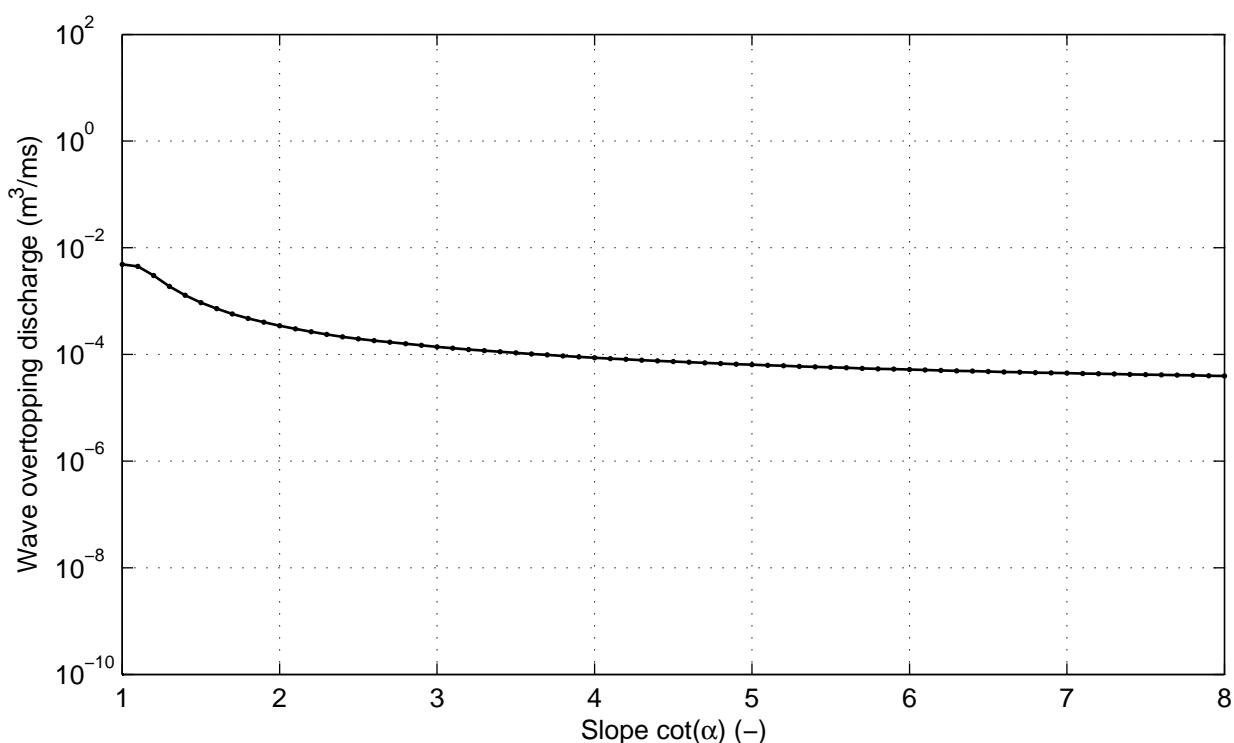
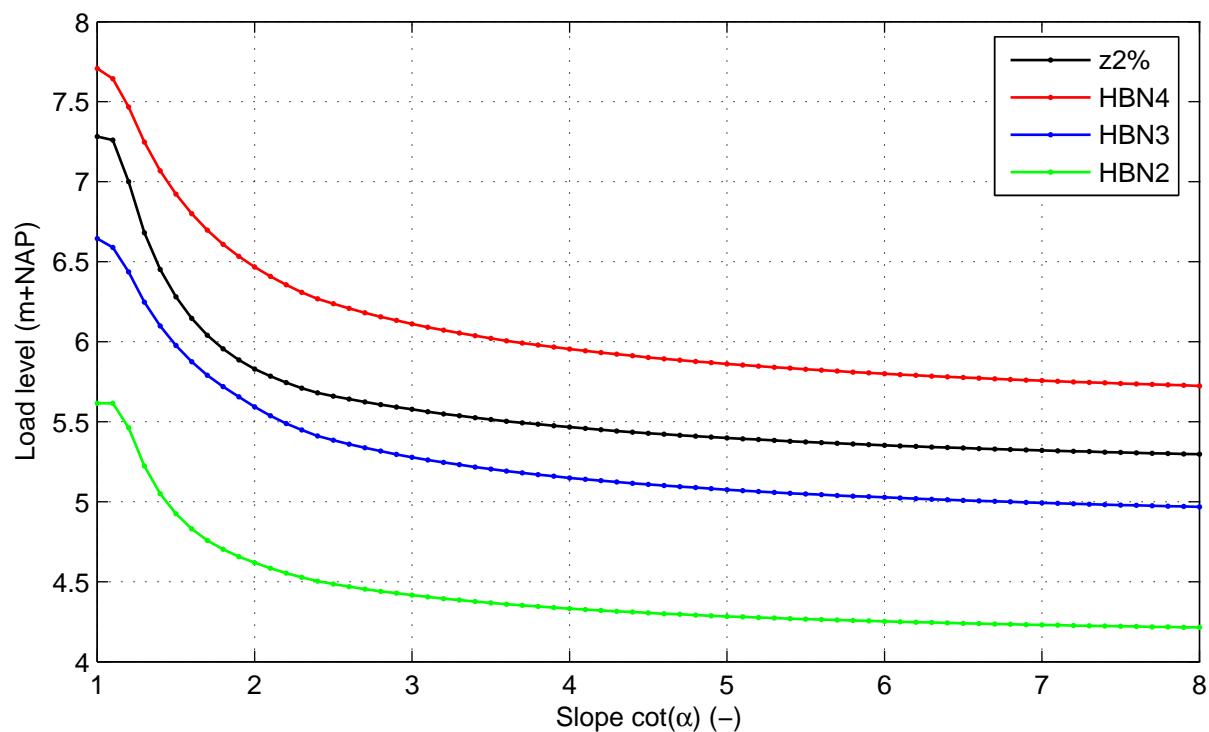
Cross section nr 5; series nr 8; Wave angle: 0 °
Varying slope first (lower) berm segment as a slope

Wave overtopping kernel tests

DELTARES

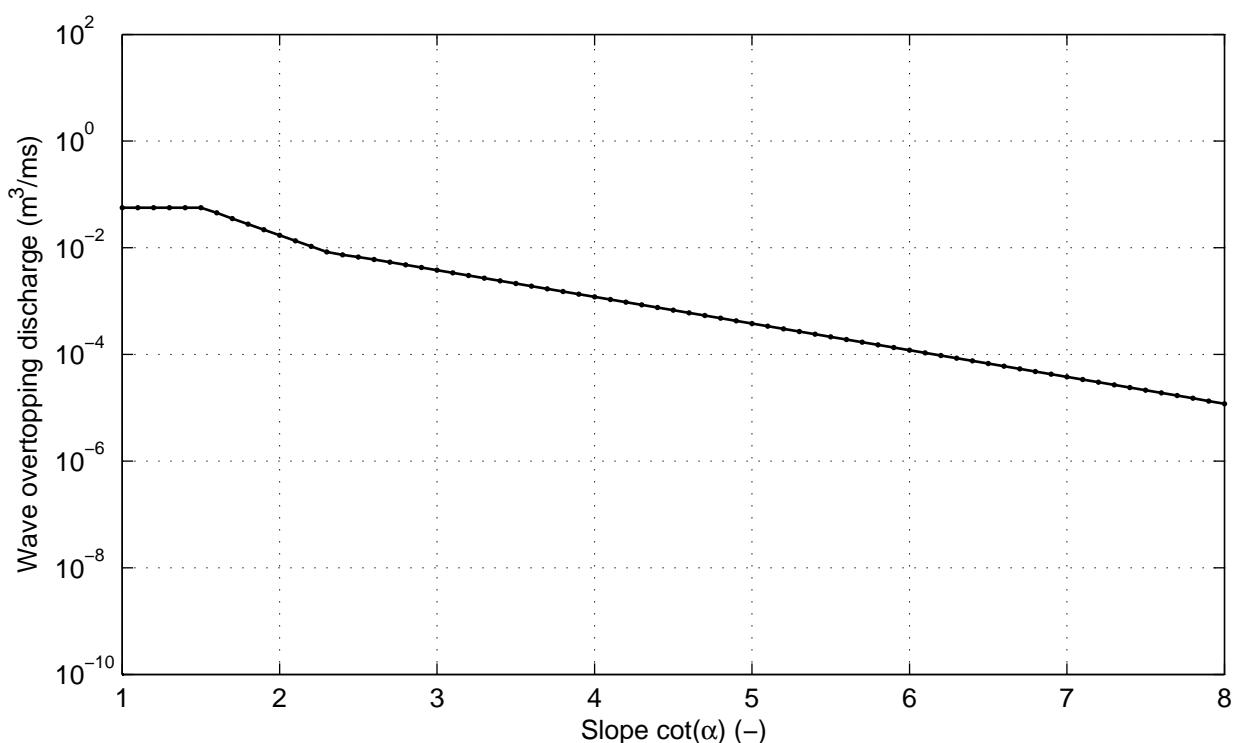
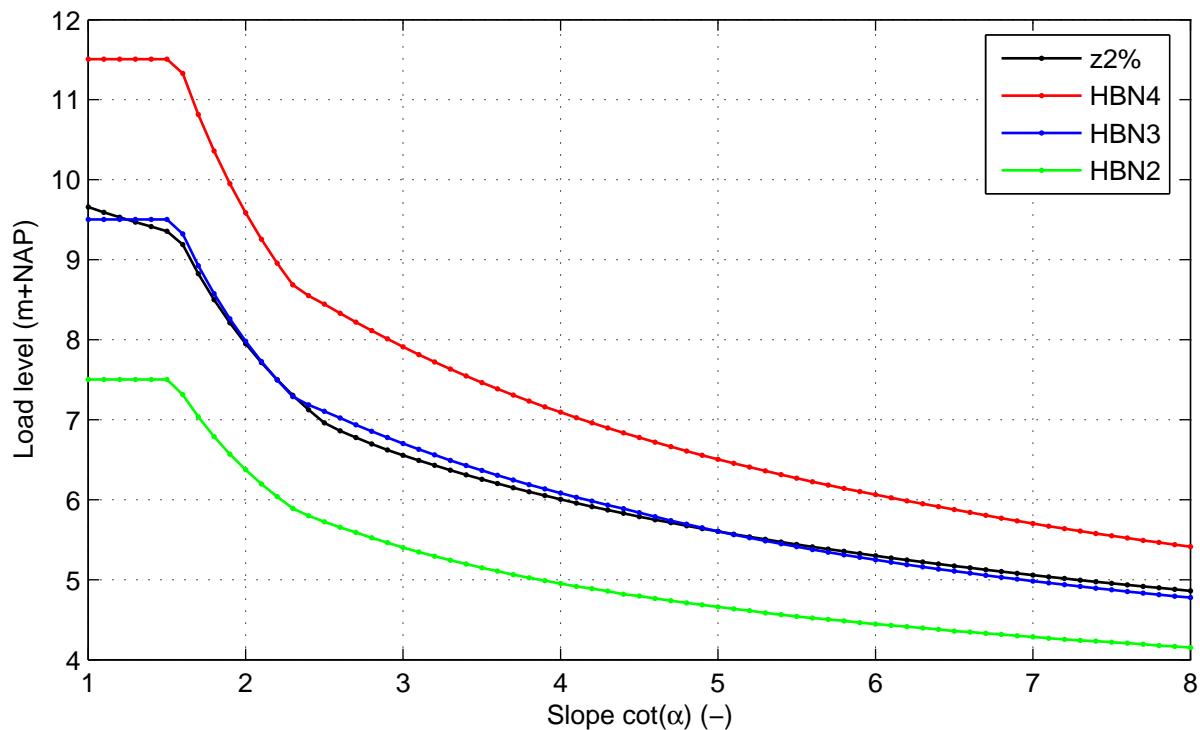
1220043.002

Fig. 5.10



Cross section nr 5; series nr 9; Wave angle: 85 °
Varying slope first (lower) berm segment as a slope

Wave overtopping kernel tests



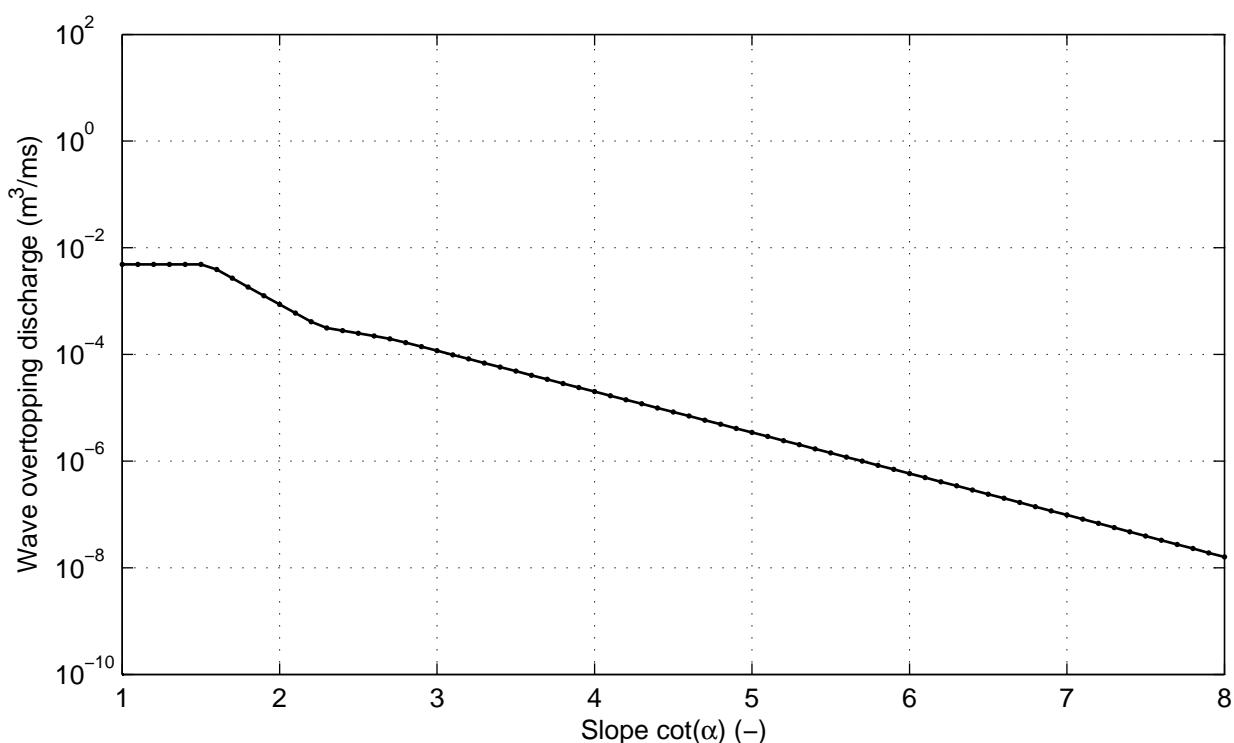
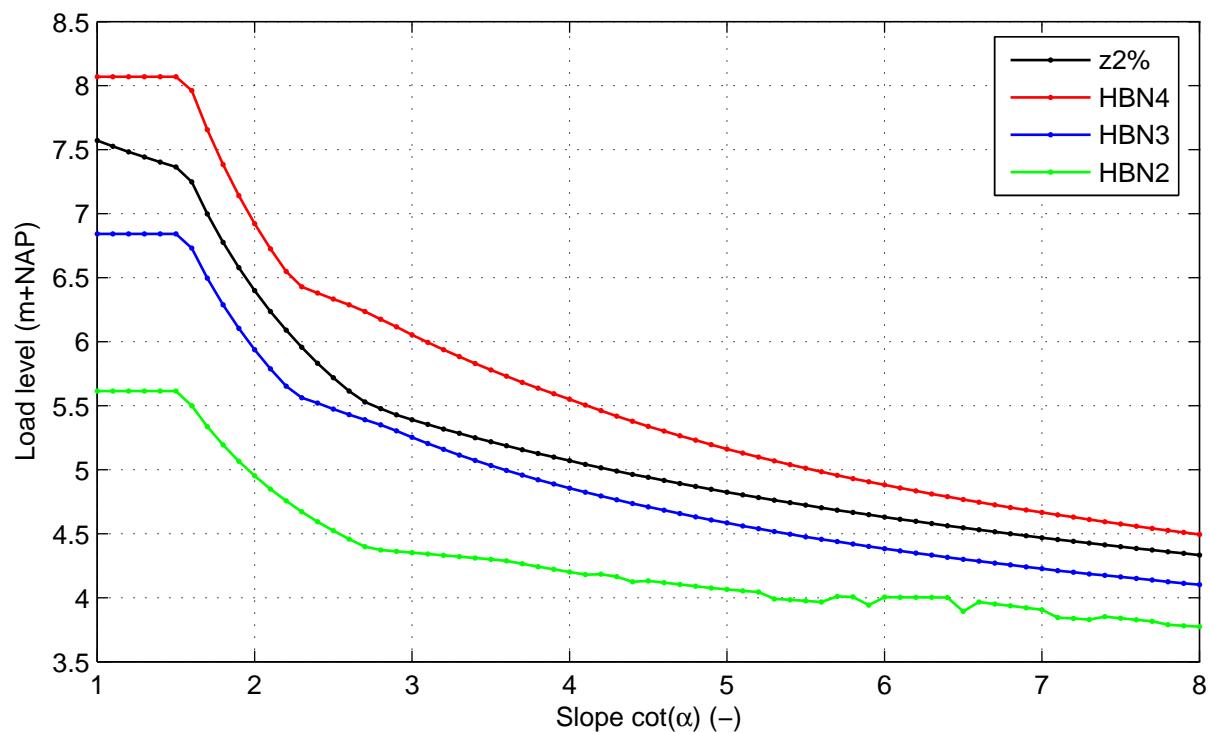
Cross section nr 5; series nr 10; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.12



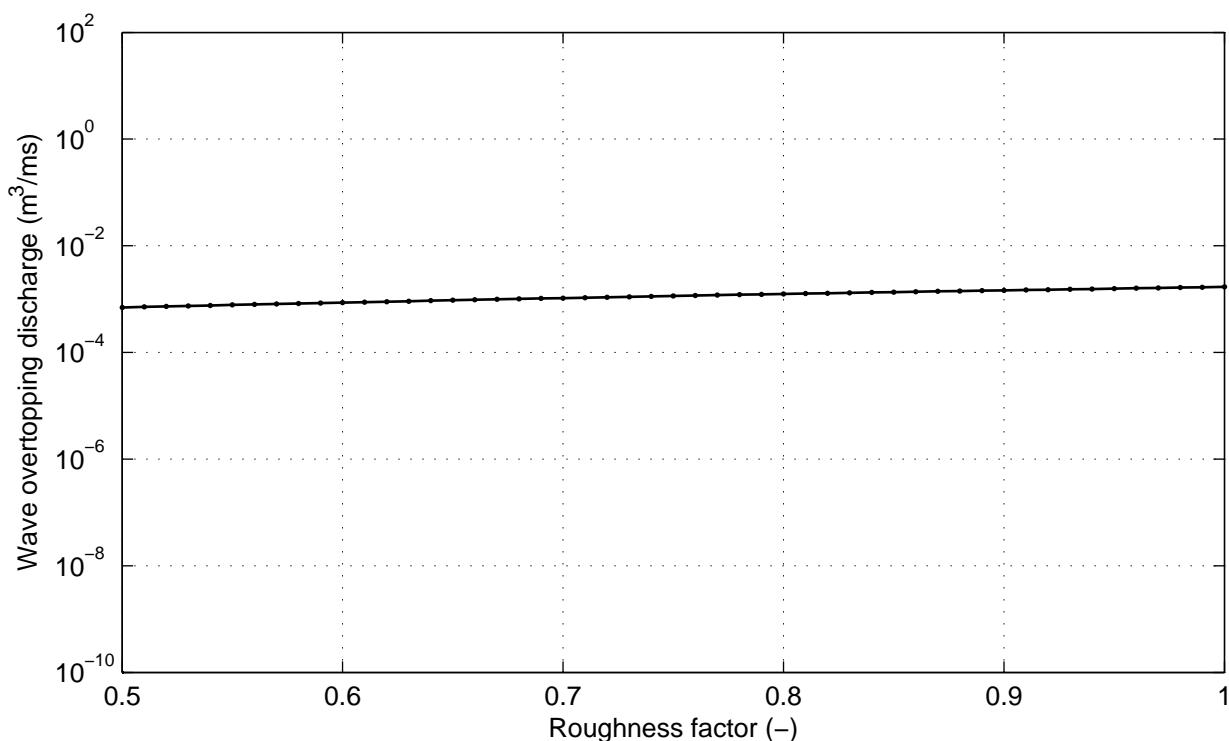
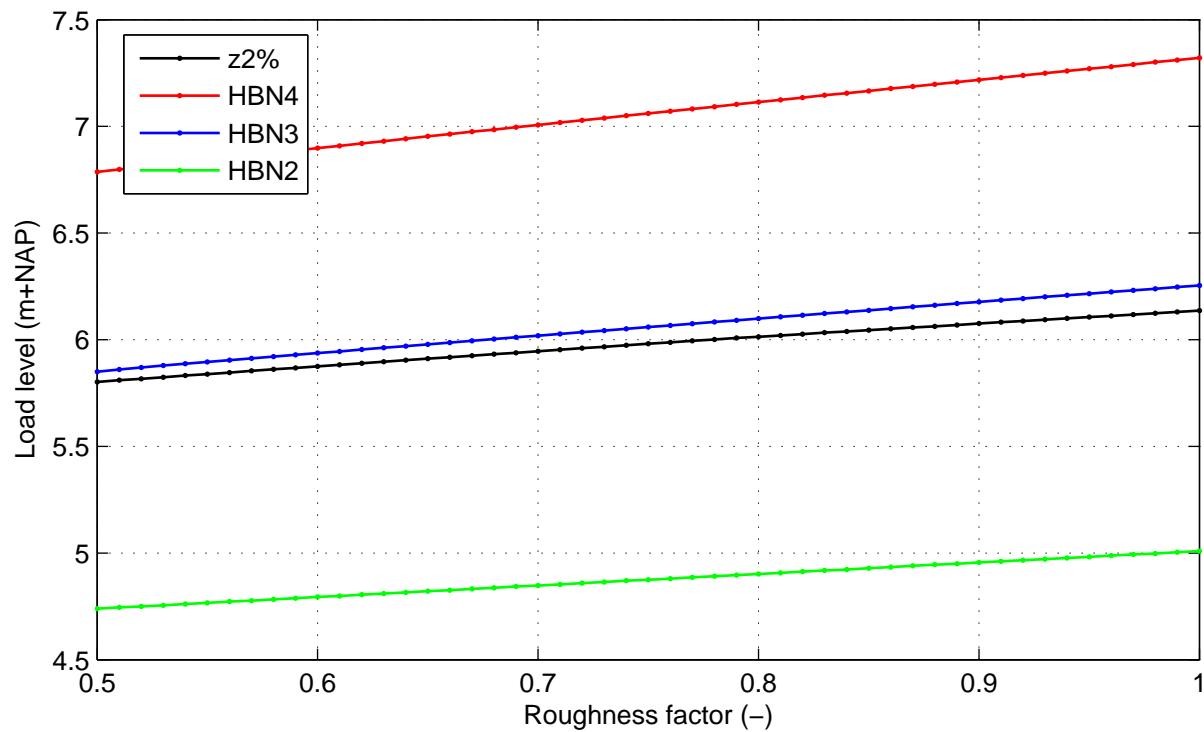
Cross section nr 5; series nr 11; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.13



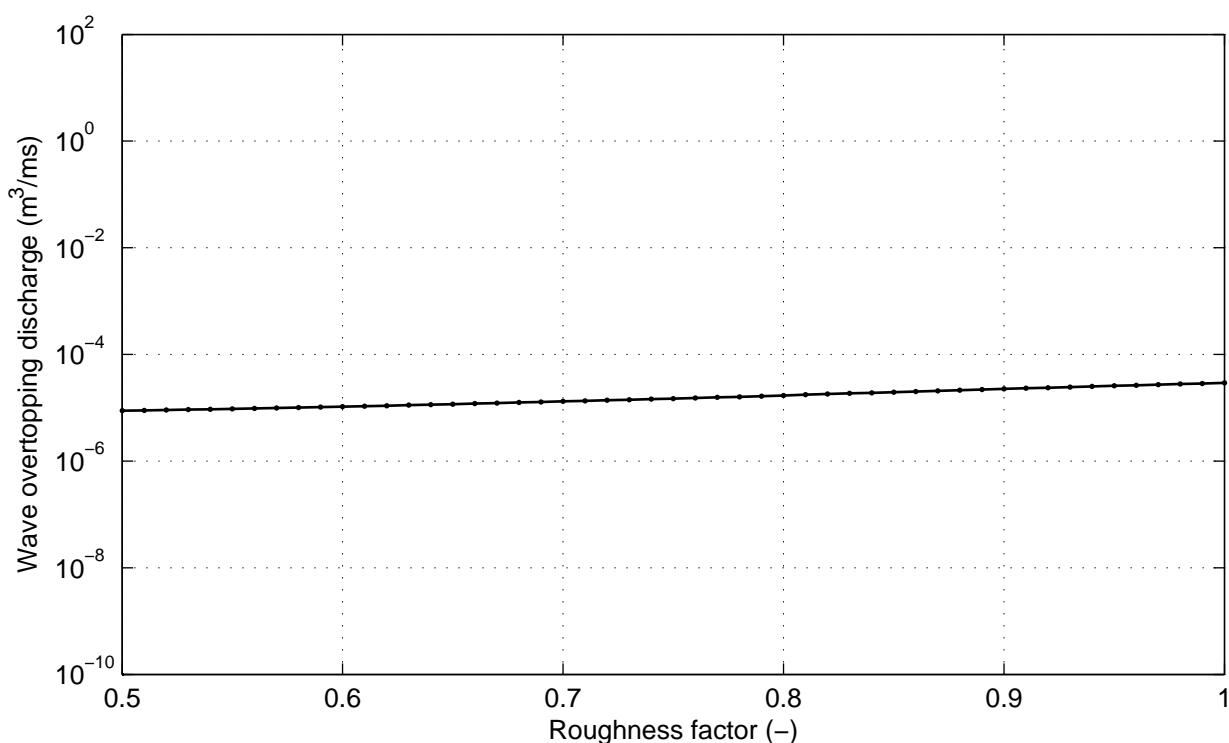
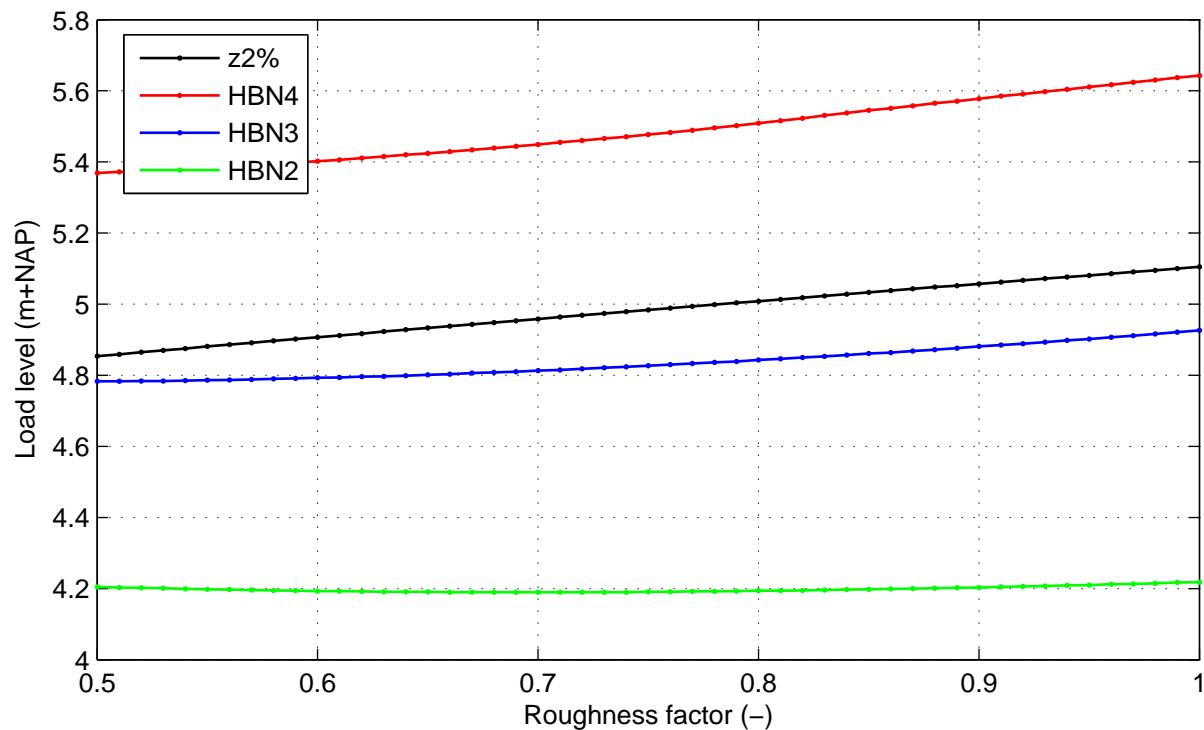
Cross section nr 5; series nr 12; Wave angle: 0 °
Varying roughness of segment 2

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.14



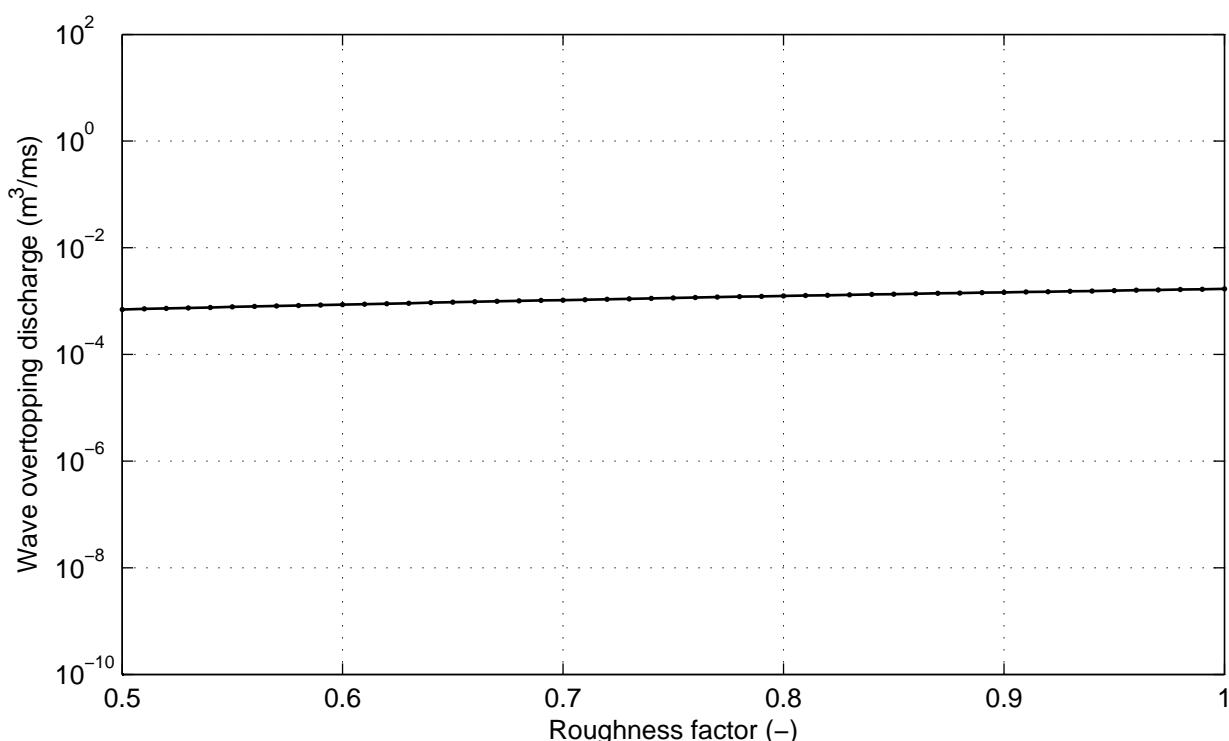
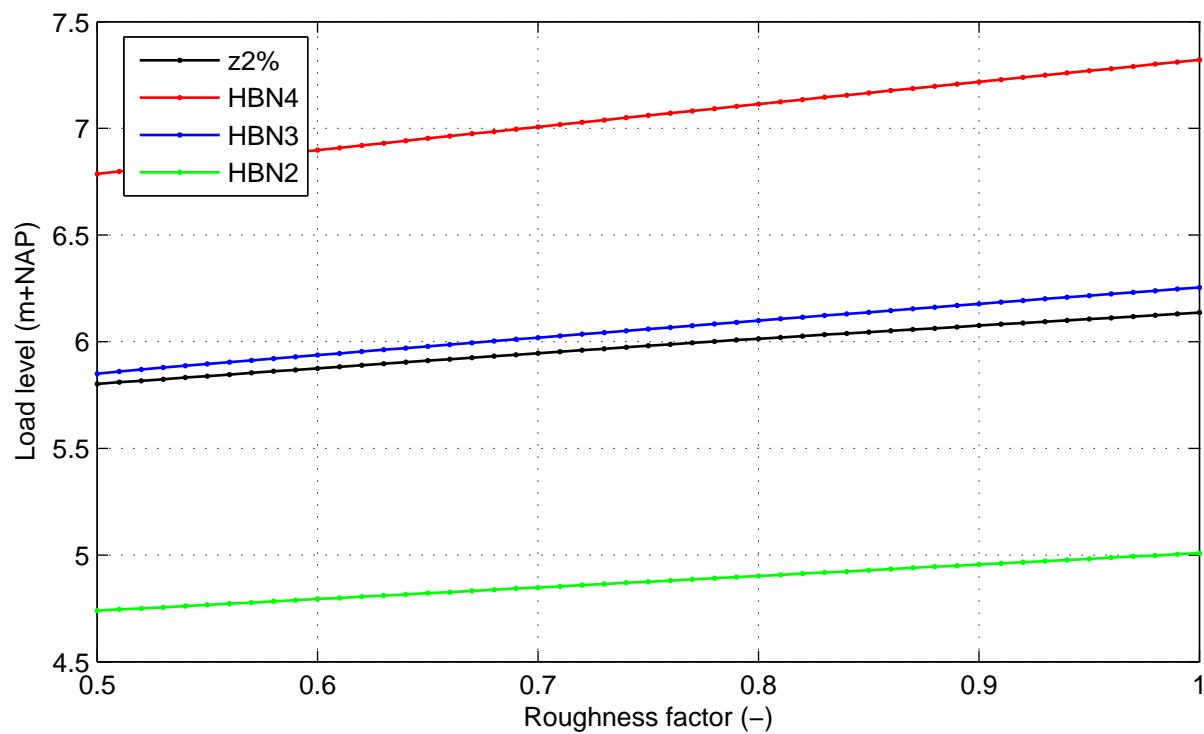
Cross section nr 5; series nr 13; Wave angle: 85 °
Varying roughness of segment 2

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.15



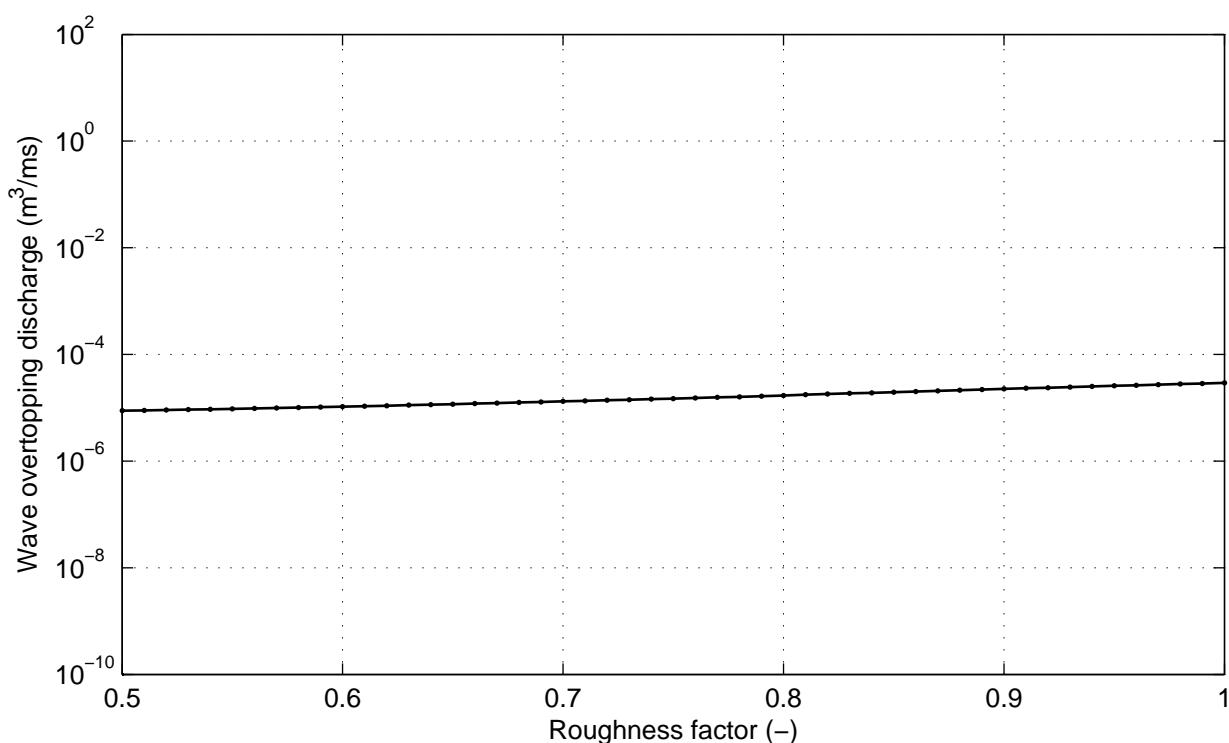
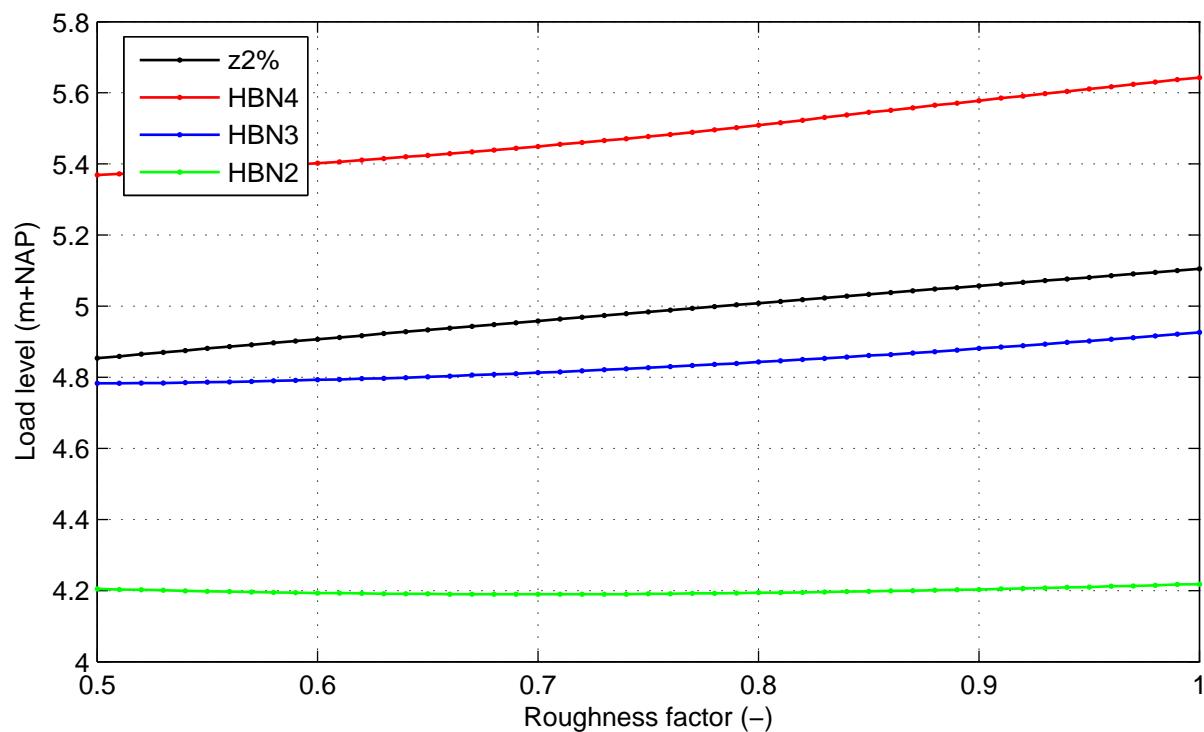
Cross section nr 5; series nr 14; Wave angle: 0 °
Varying roughness of segment 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.16



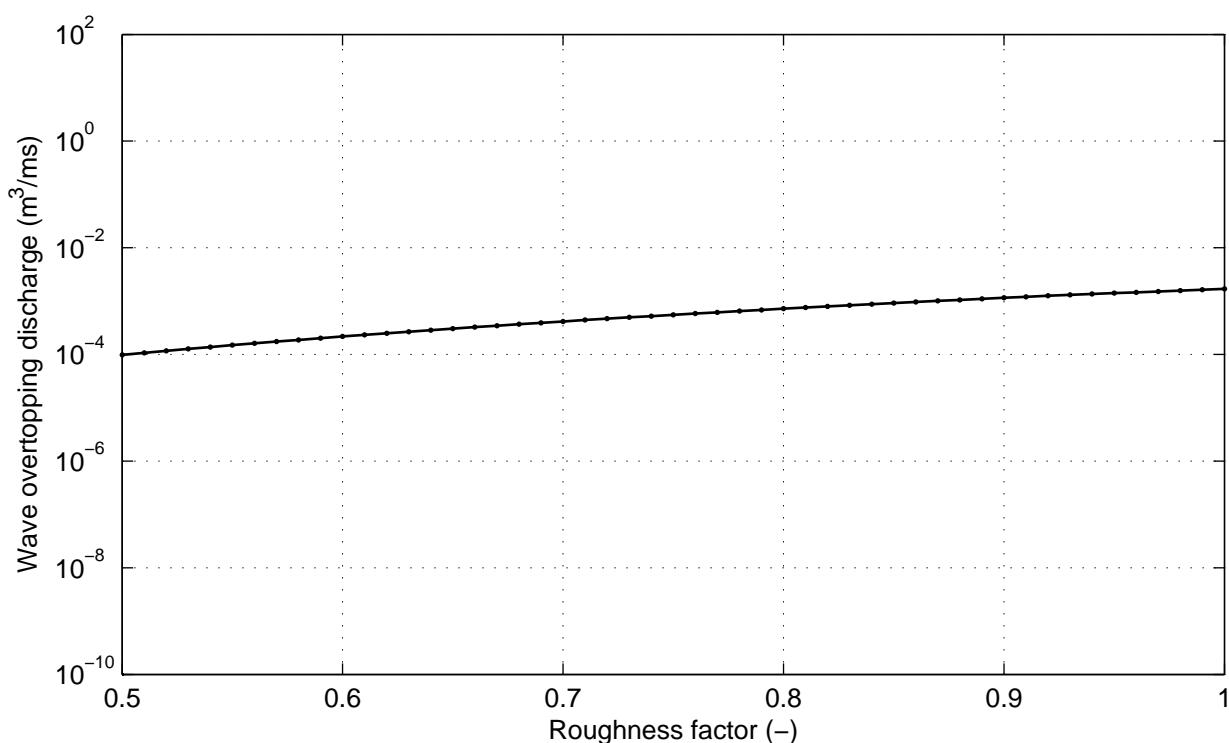
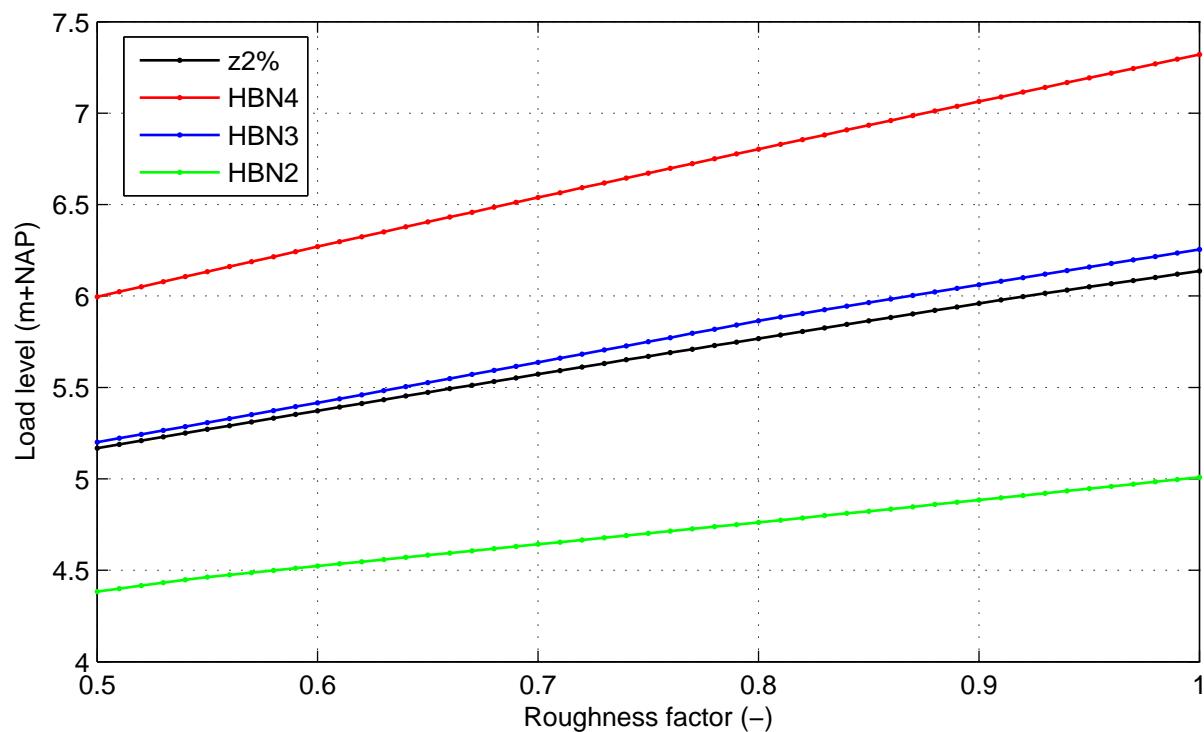
Cross section nr 5; series nr 15; Wave angle: 85 °
Varying roughness of segment 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.17



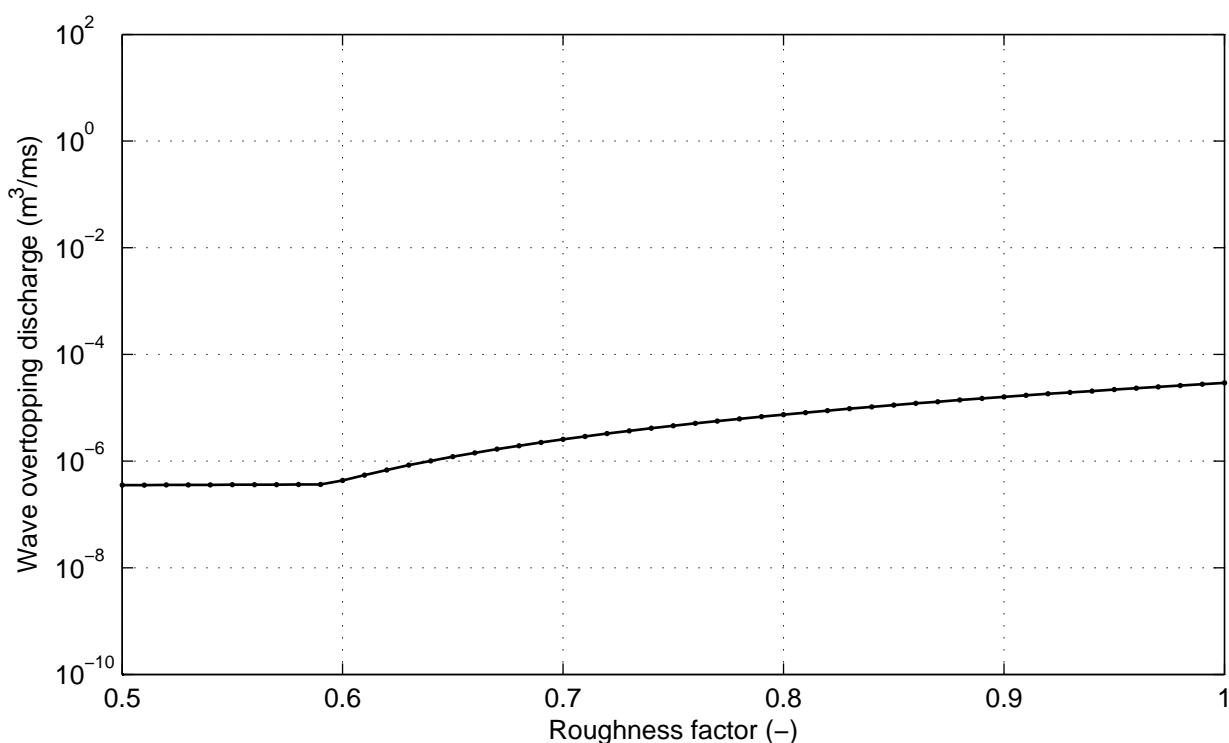
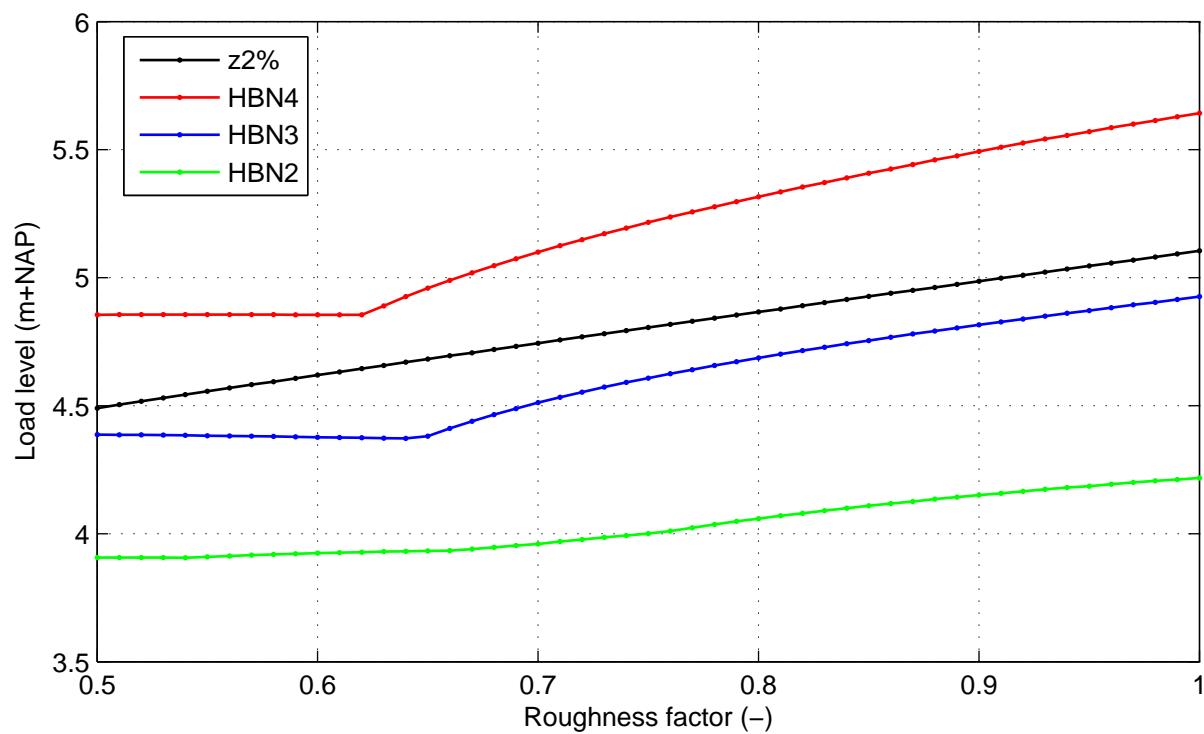
Cross section nr 5; series nr 16; Wave angle: 0 °
Varying roughness of segments 1 and 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.18



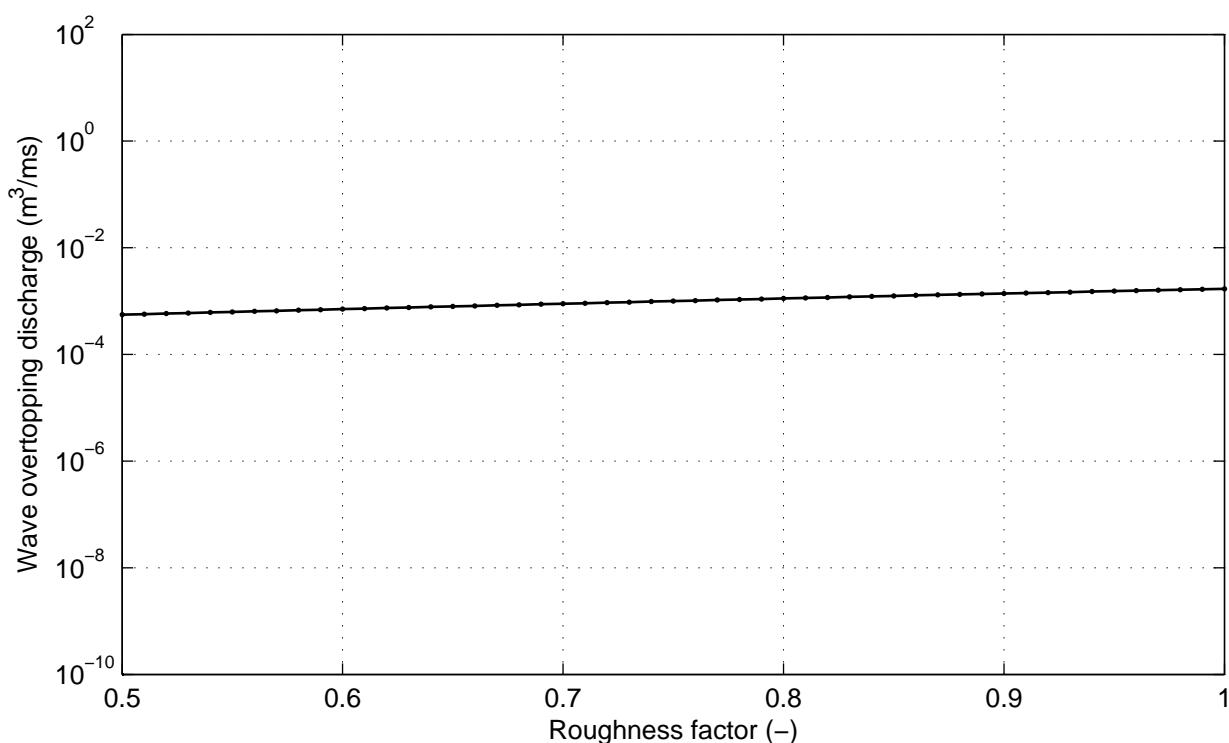
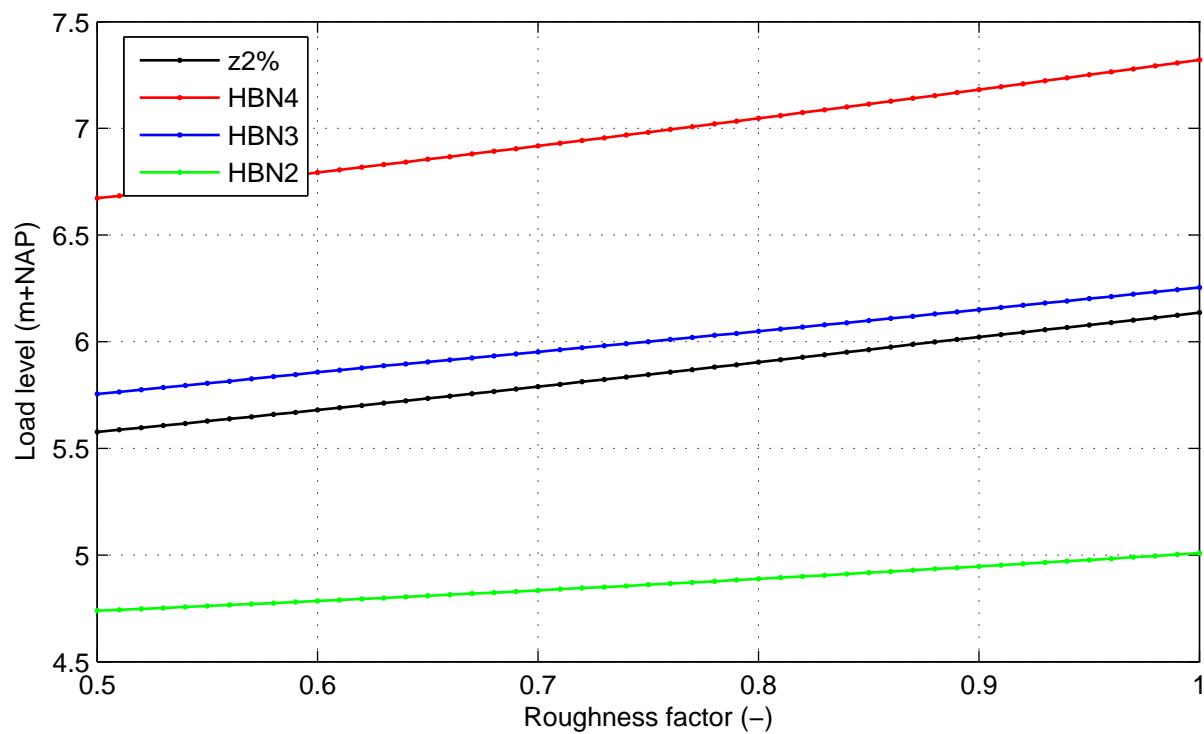
Cross section nr 5; series nr 17; Wave angle: 85 °
Varying roughness of segments 1 and 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.19



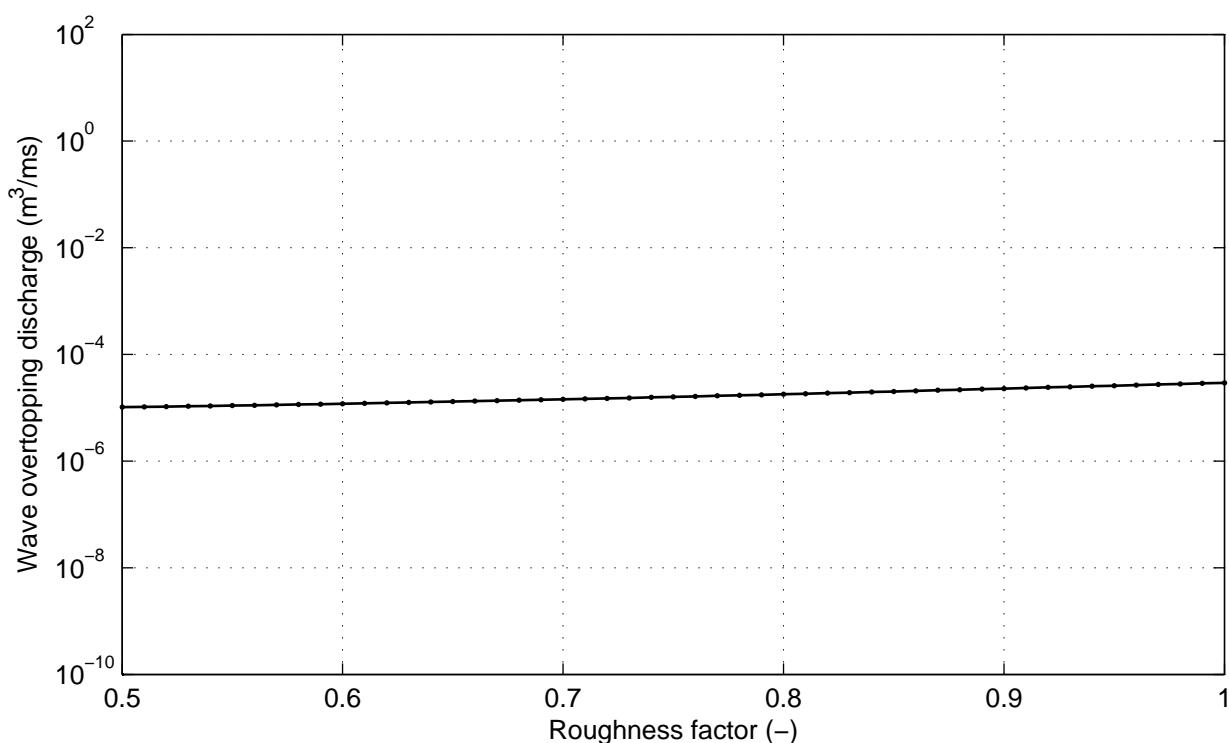
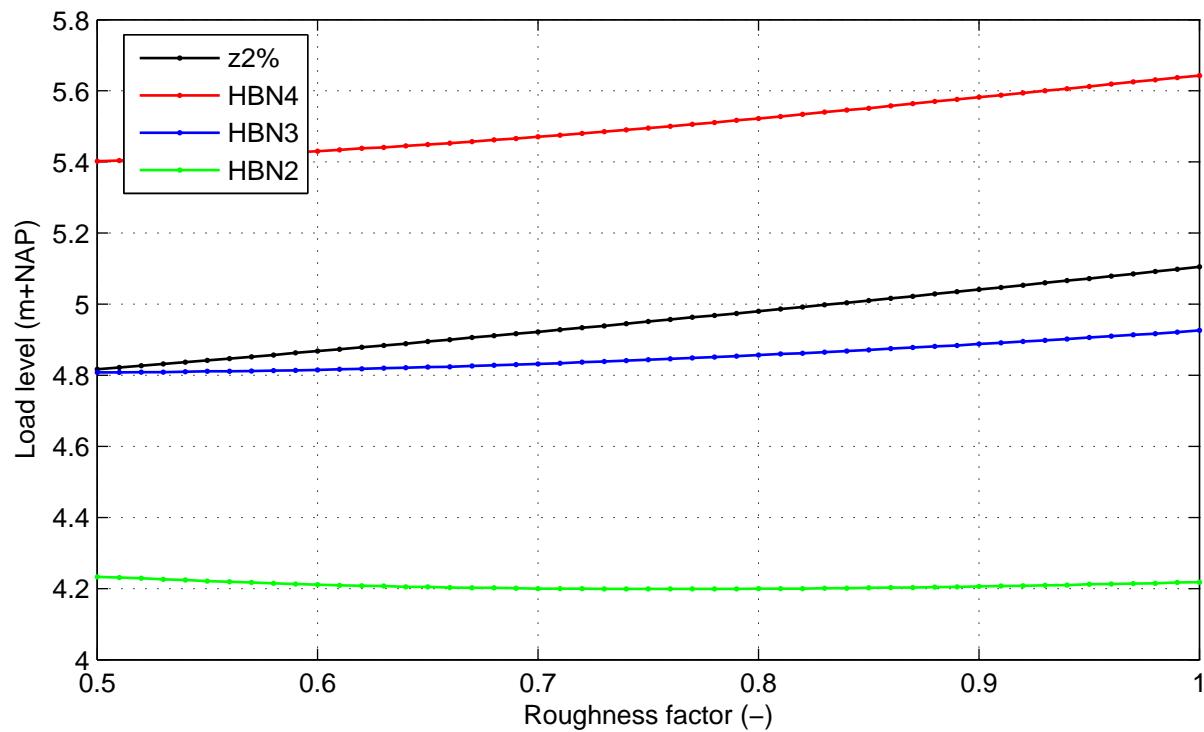
Cross section nr 5; series nr 18; Wave angle: 0 °
Varying roughness of segments 2 and 4

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.20



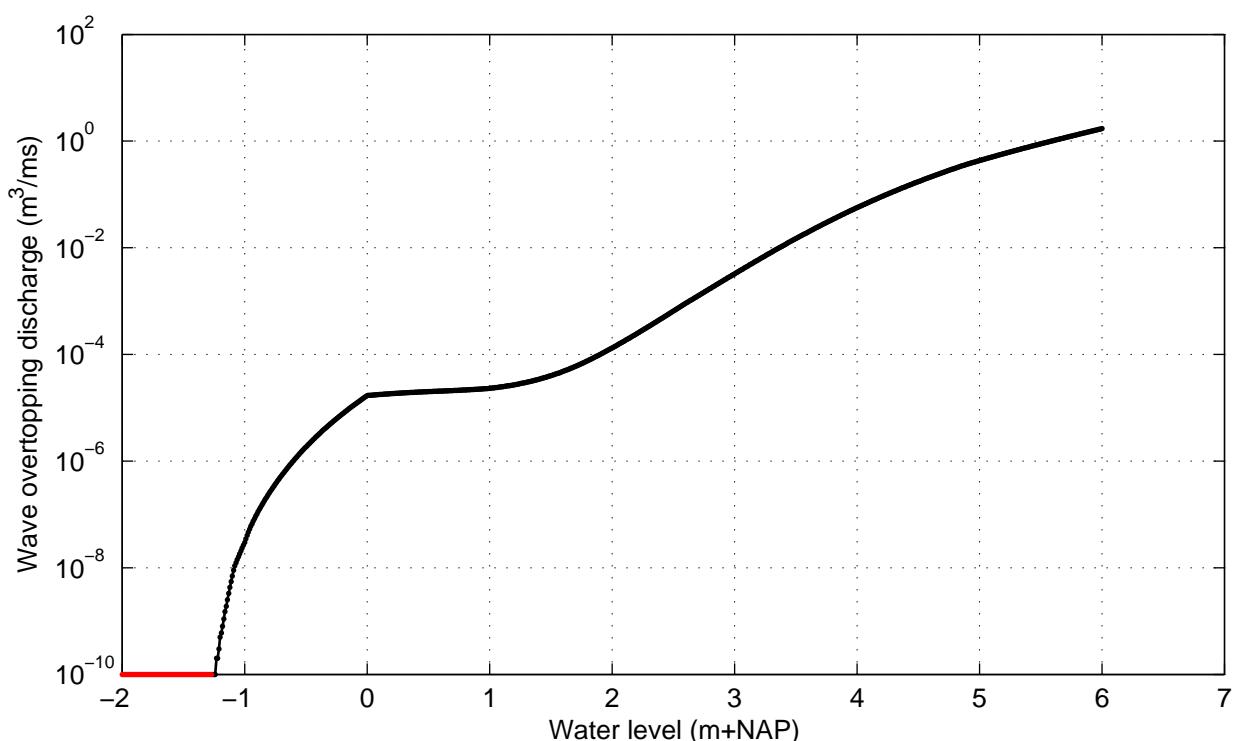
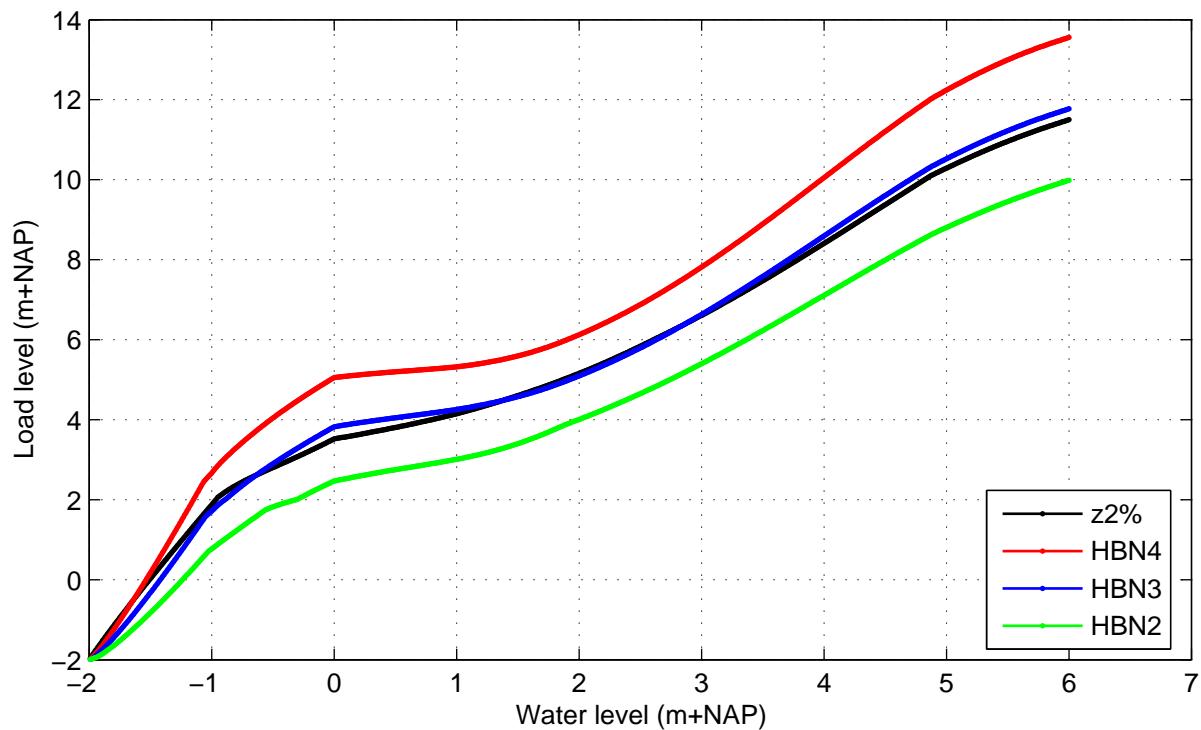
Cross section nr 5; series nr 19; Wave angle: 85 °
Varying roughness of segments 2 and 4

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 5.21



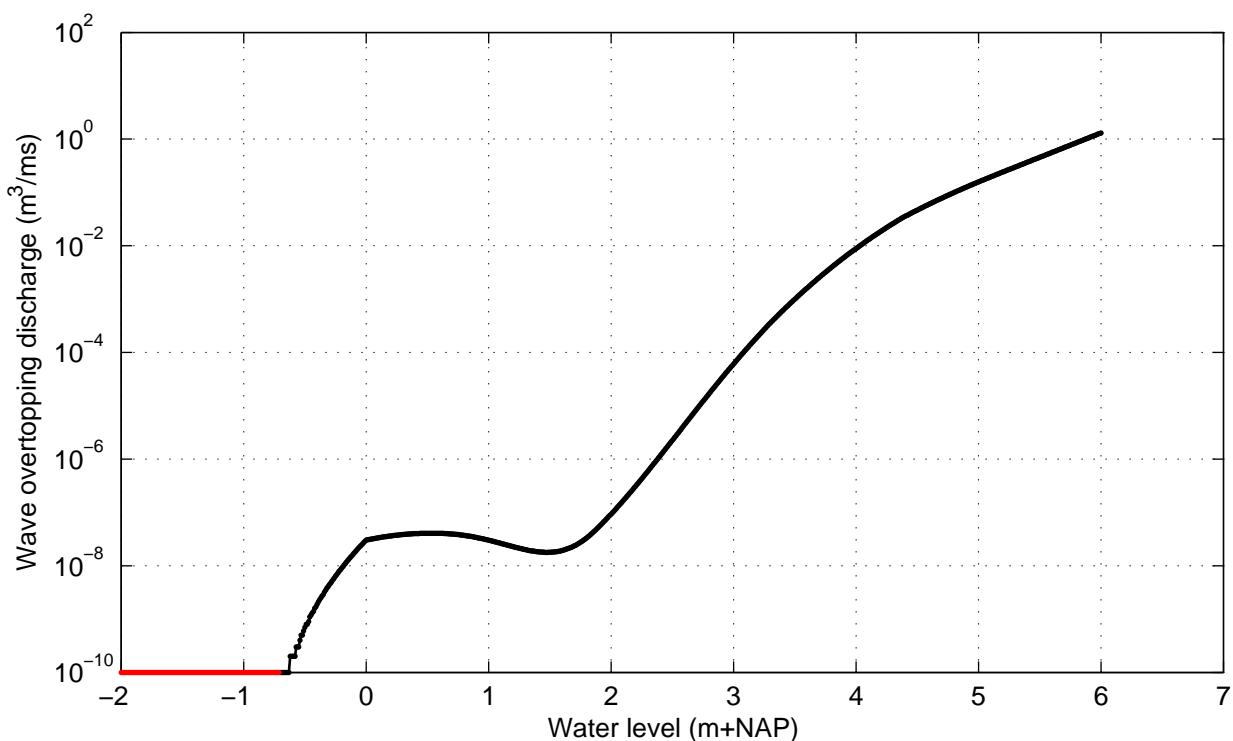
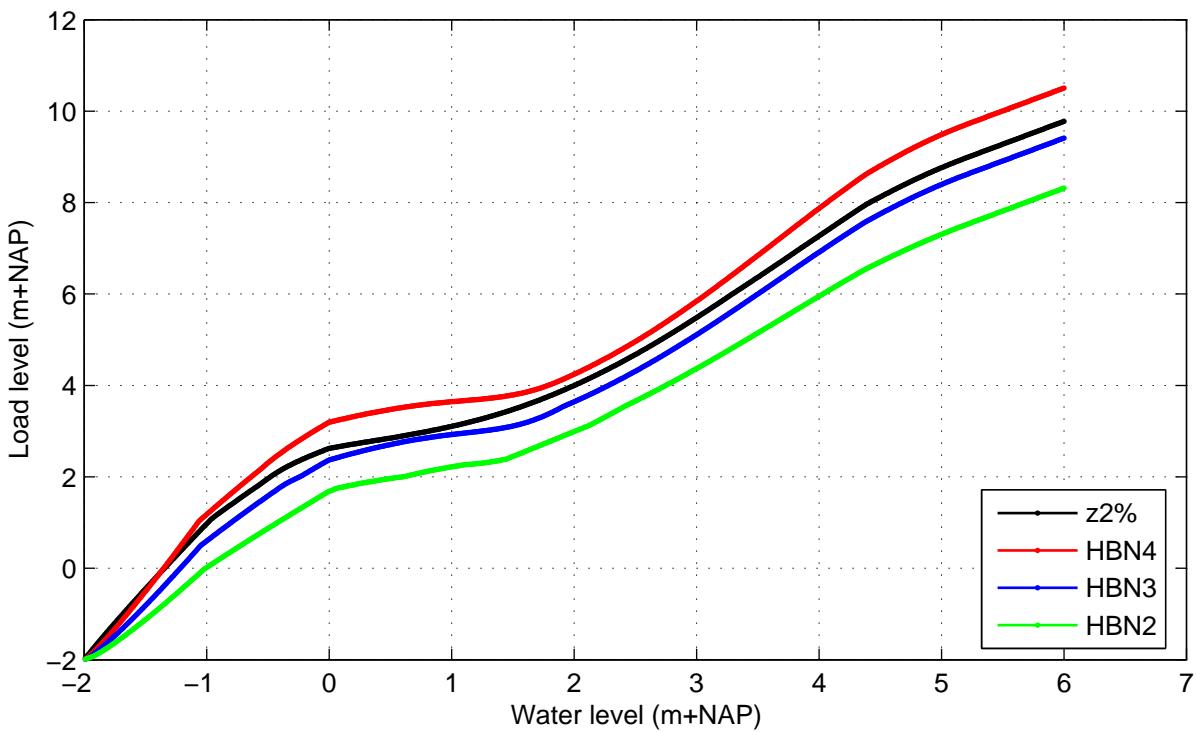
Cross section nr 6; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.1



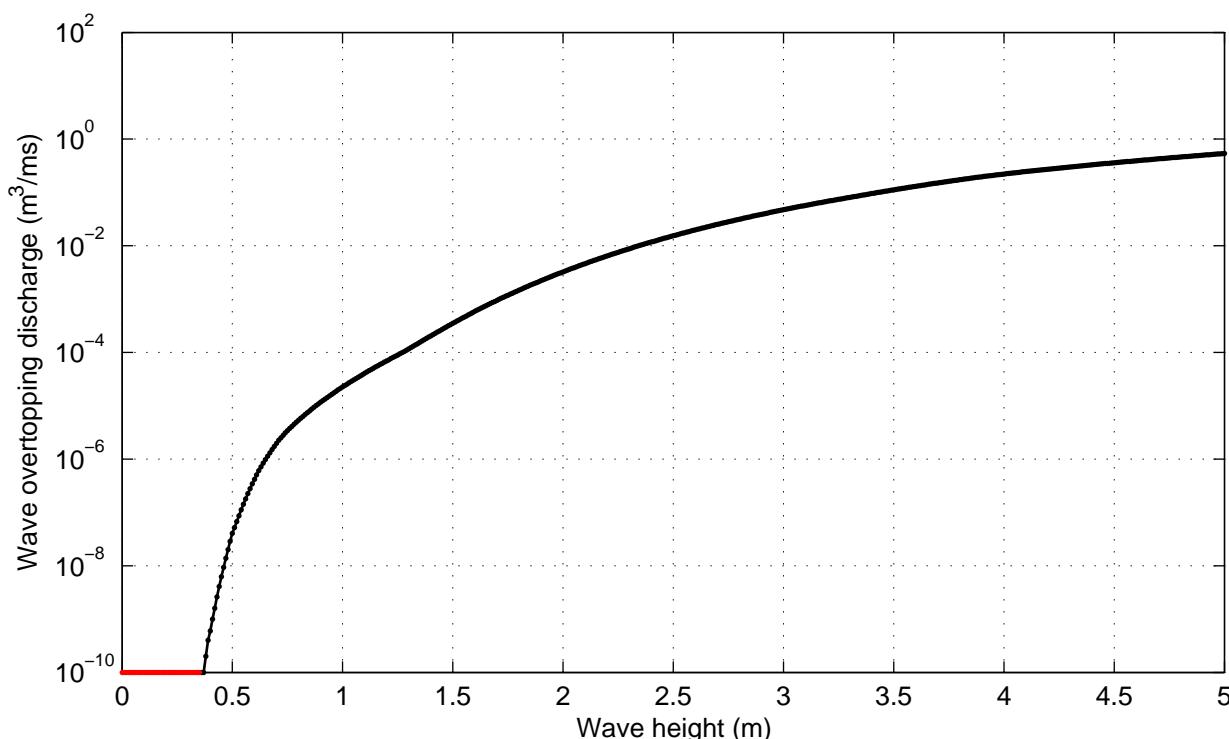
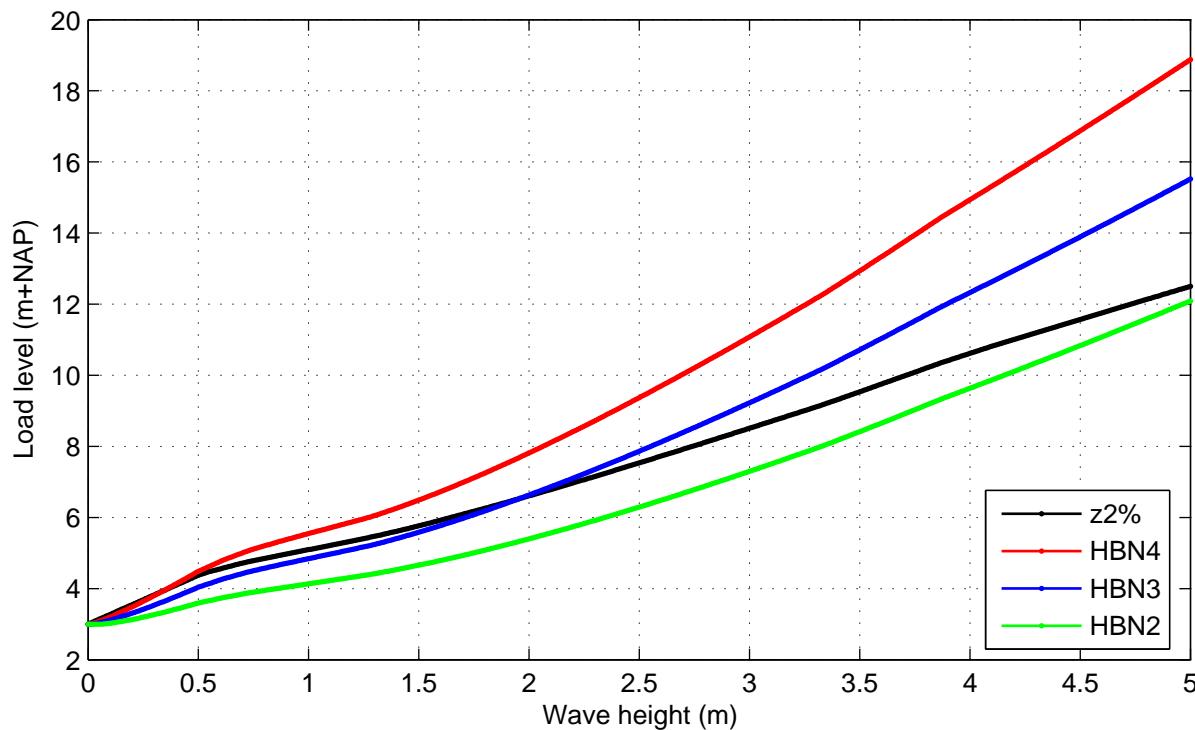
Cross section nr 6; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.2



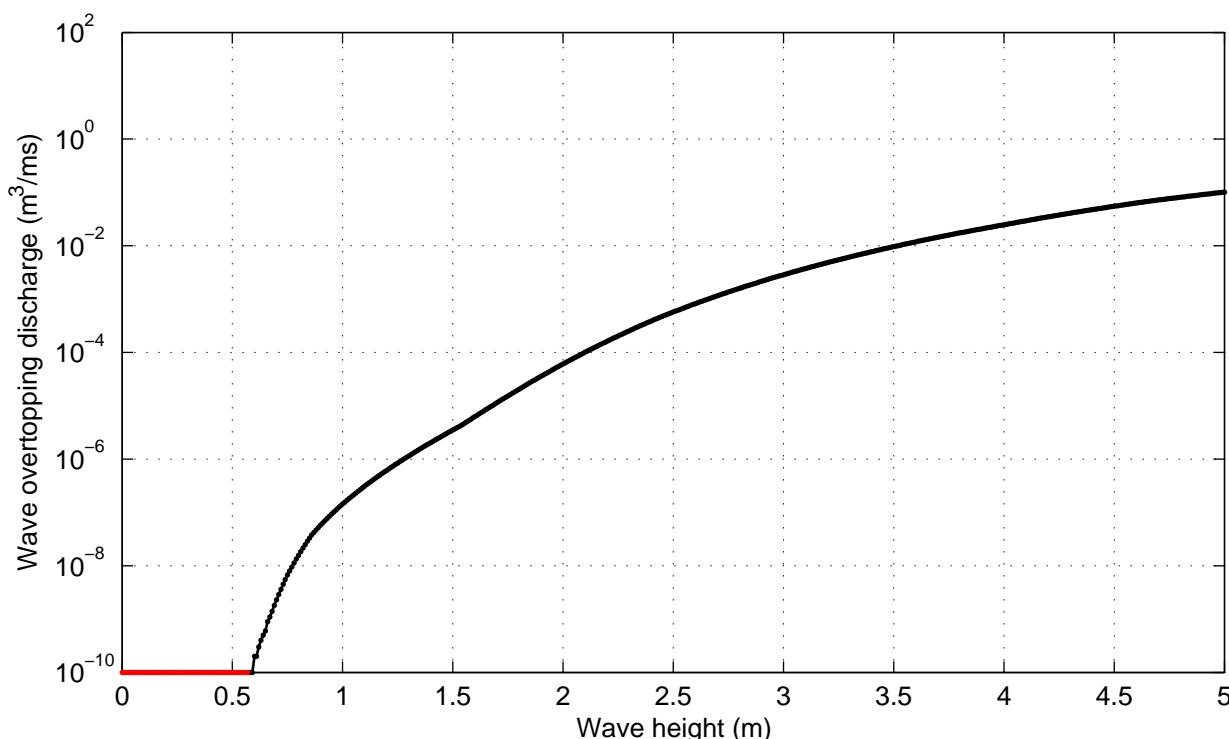
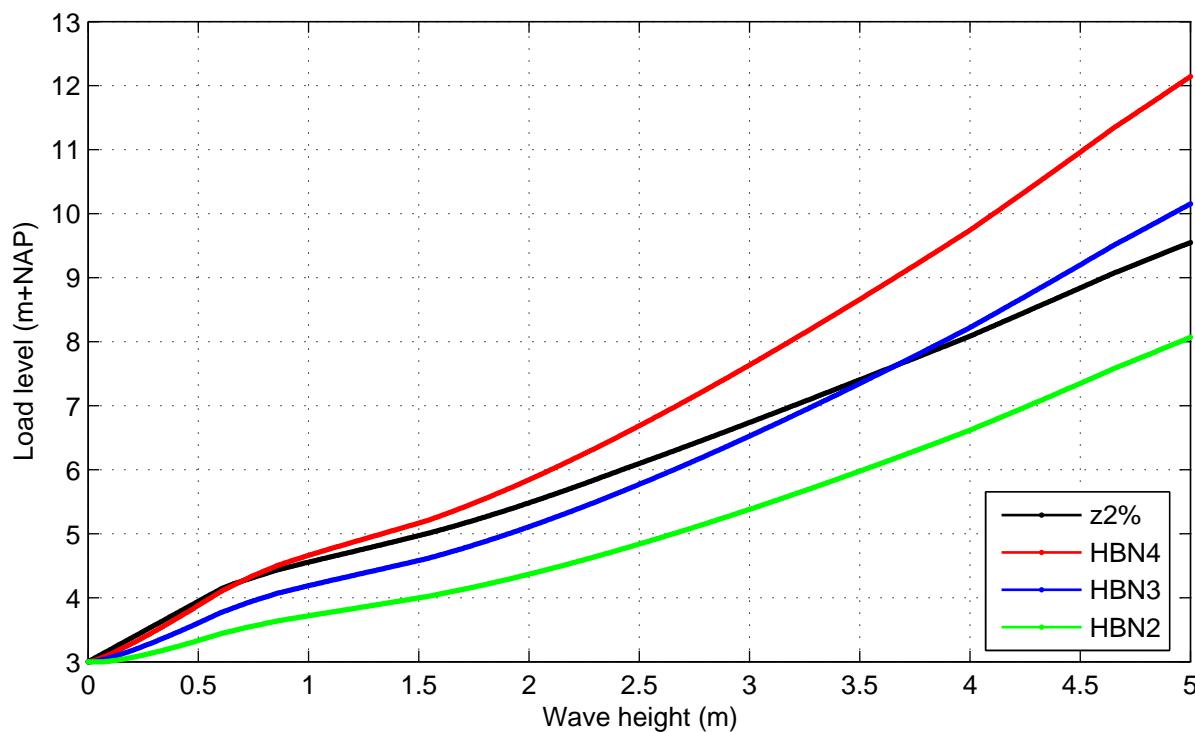
Cross section nr 6; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.3



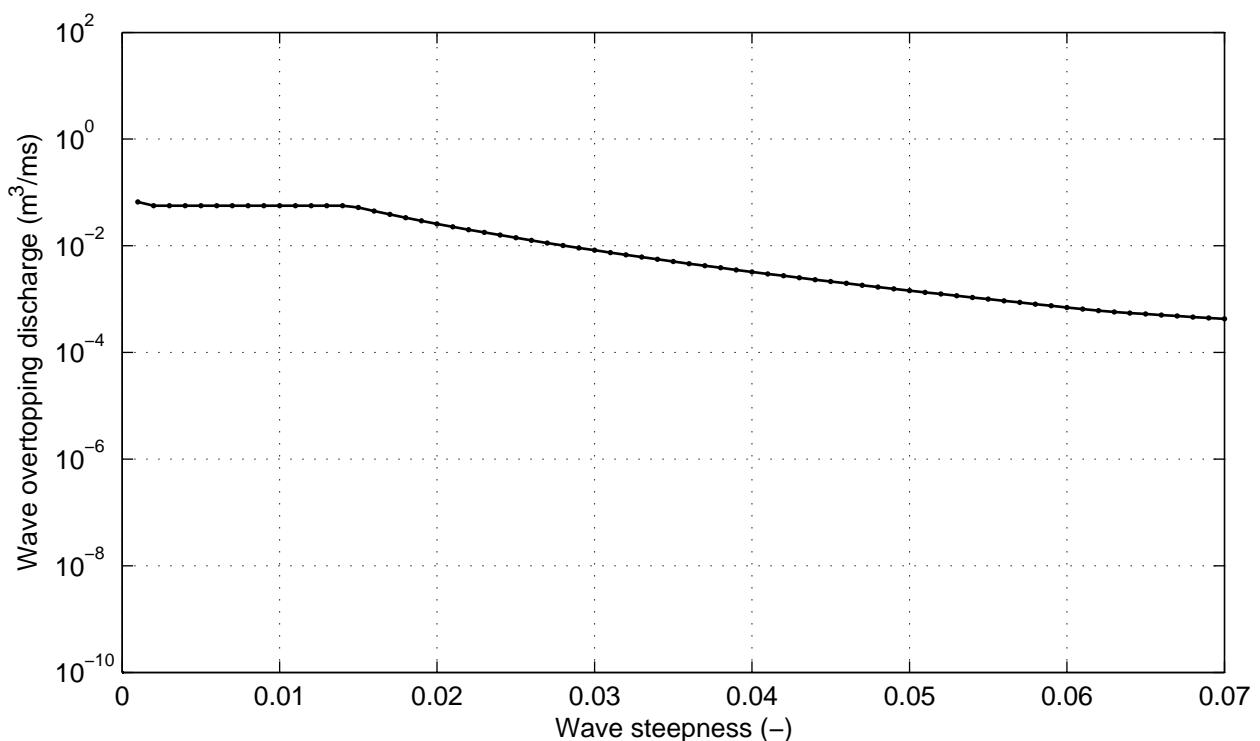
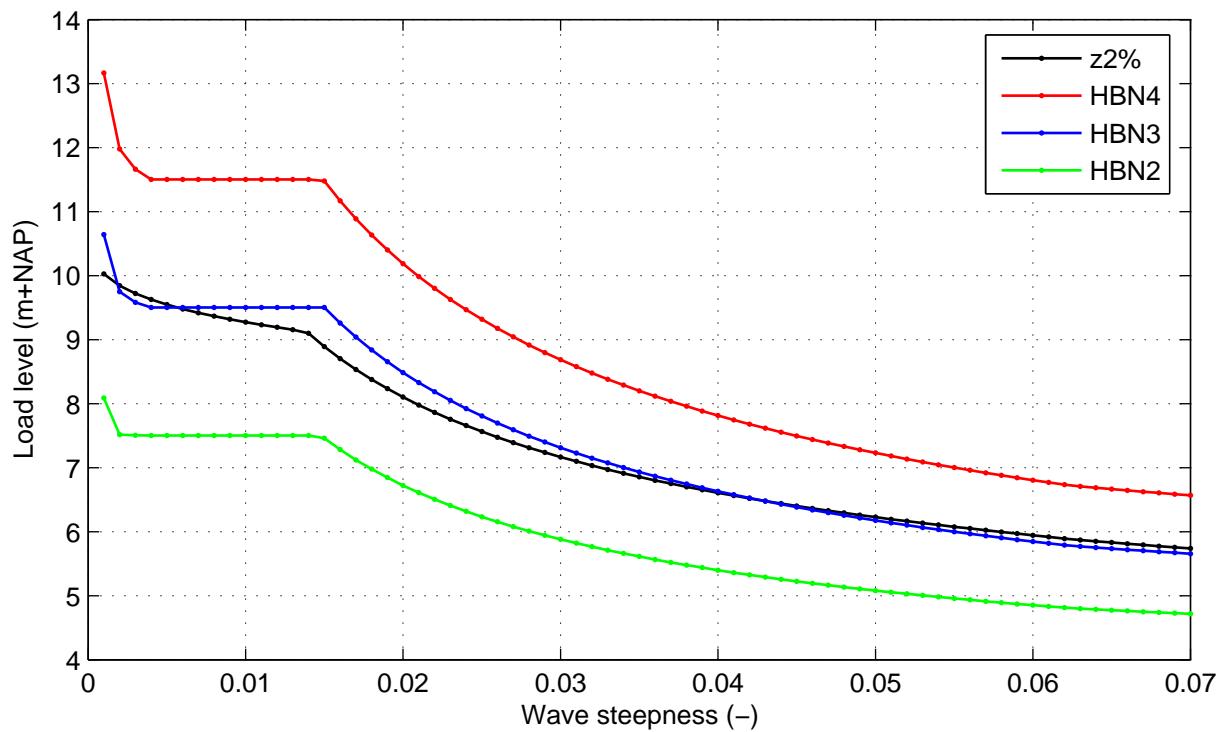
Cross section nr 6; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.4



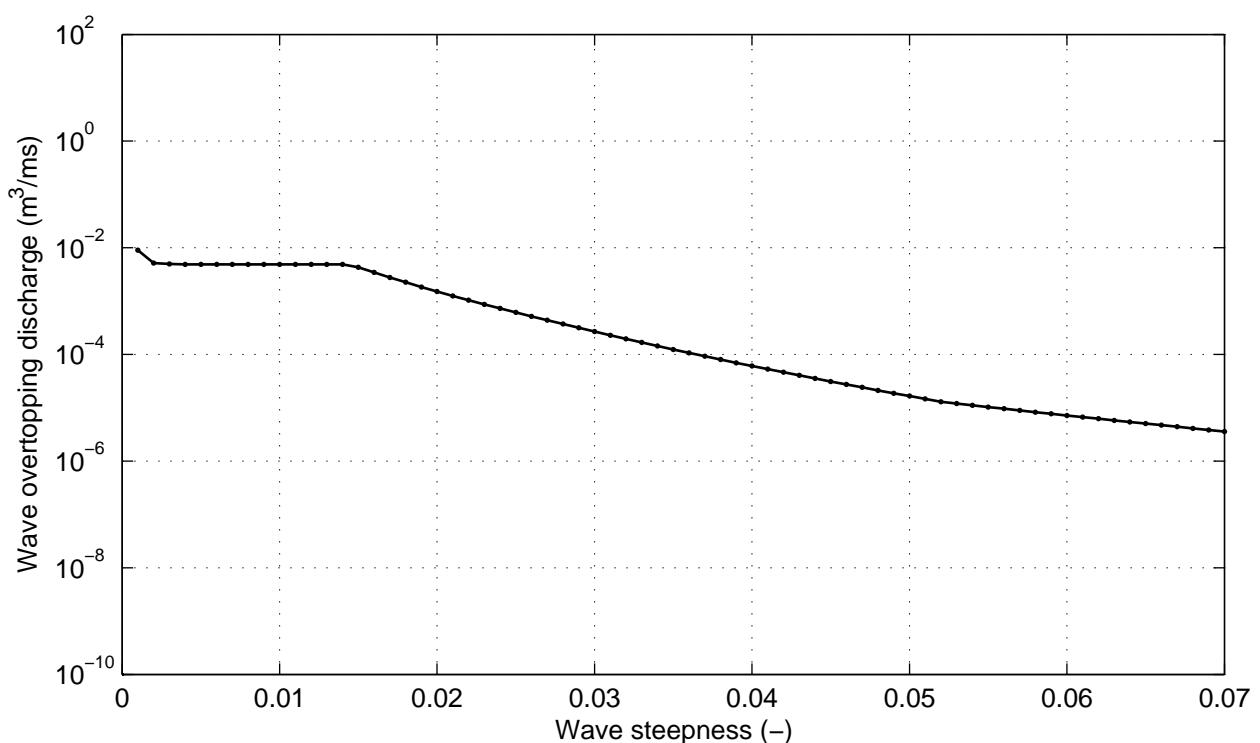
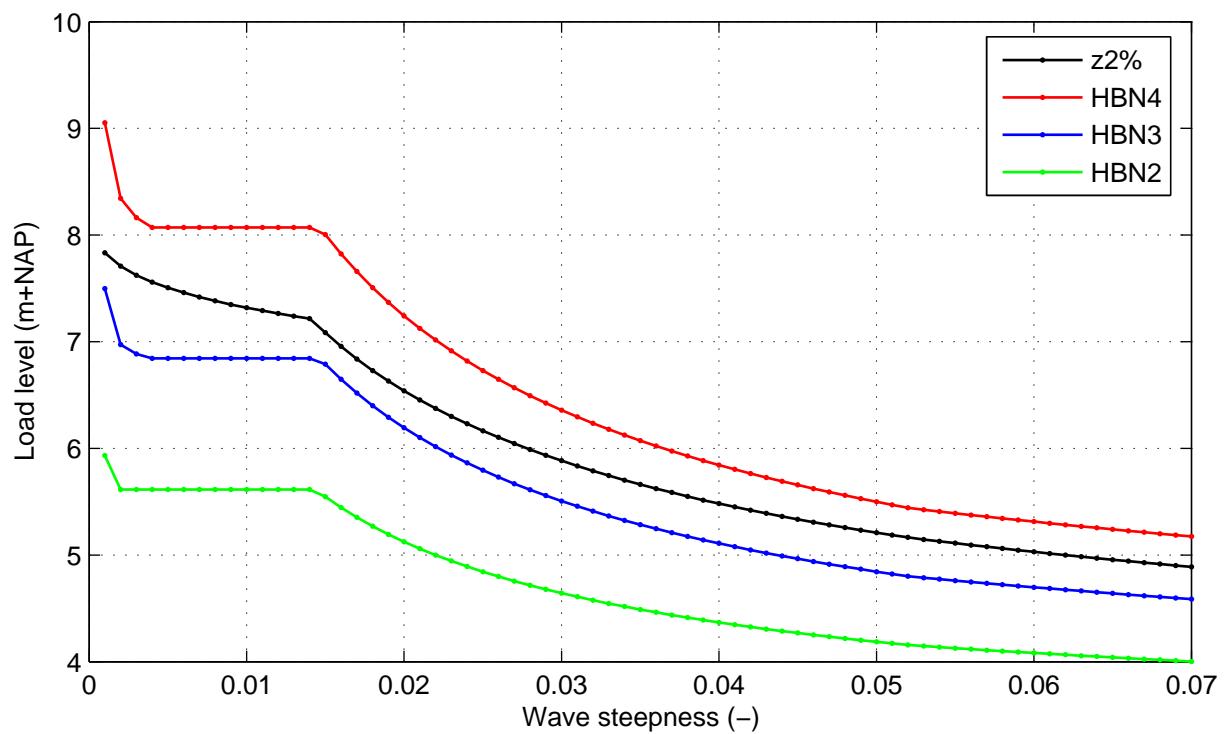
Cross section nr 6; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.5



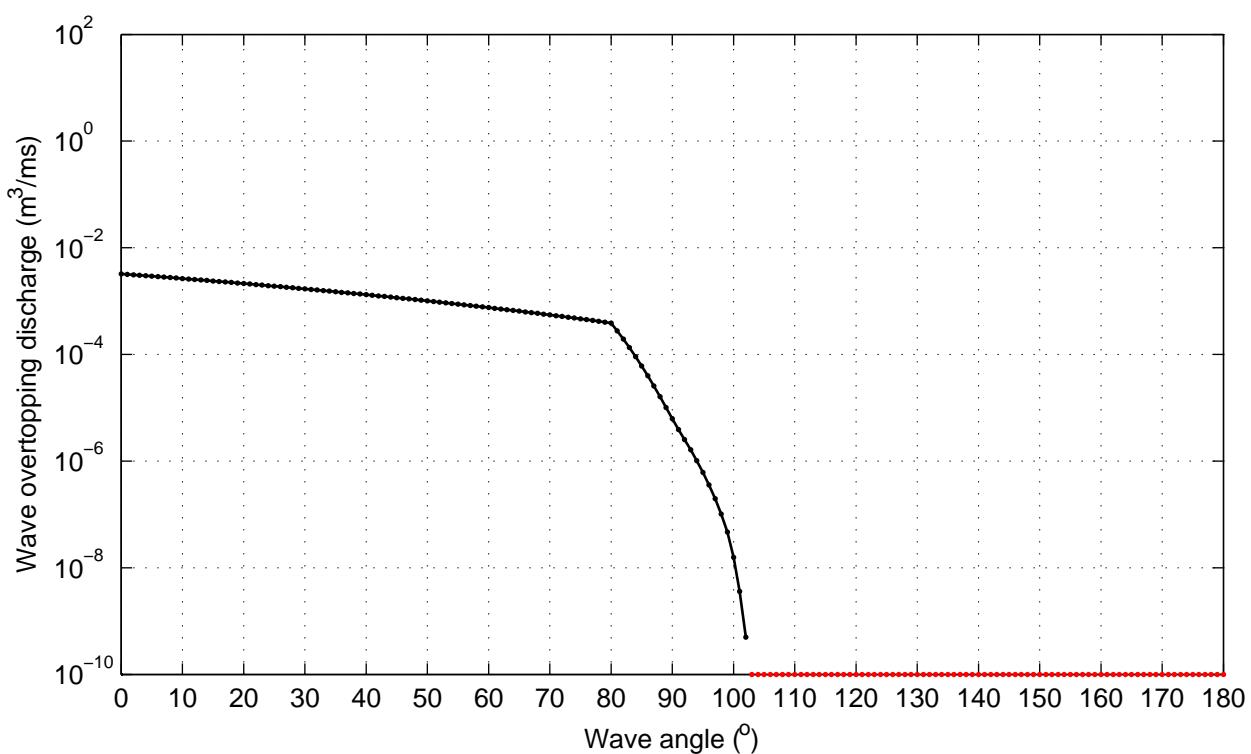
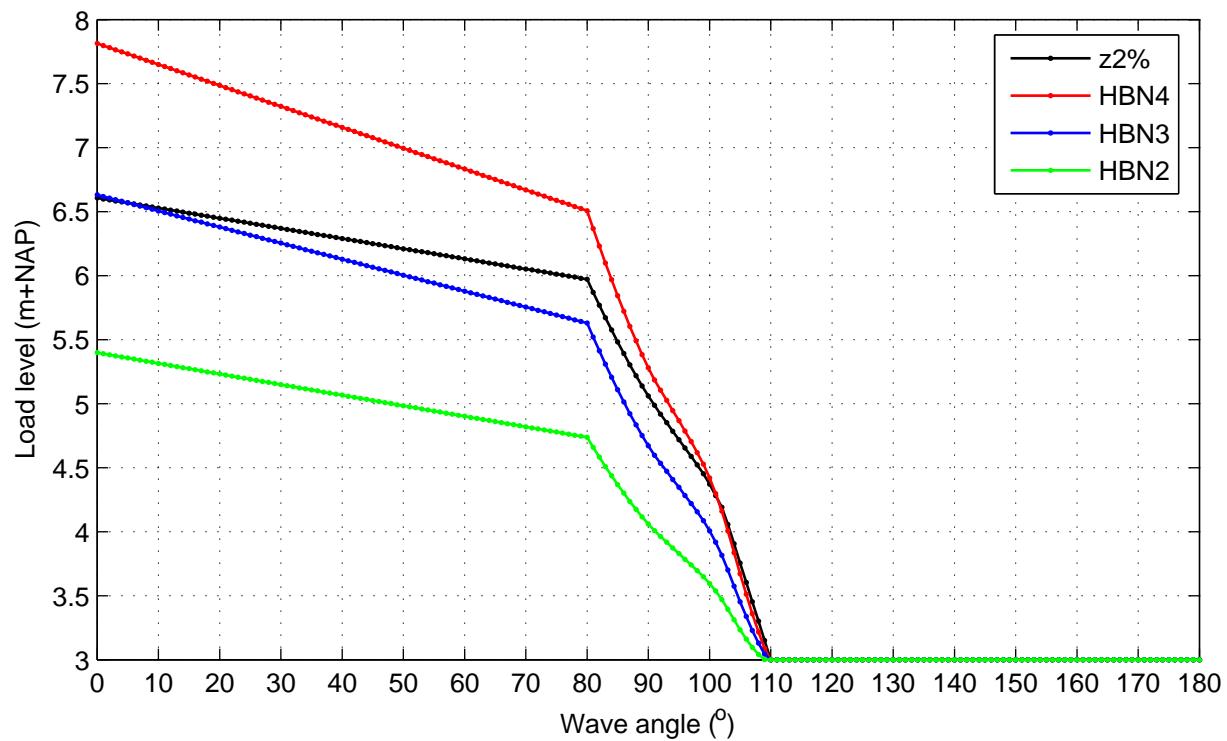
Cross section nr 6; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.6



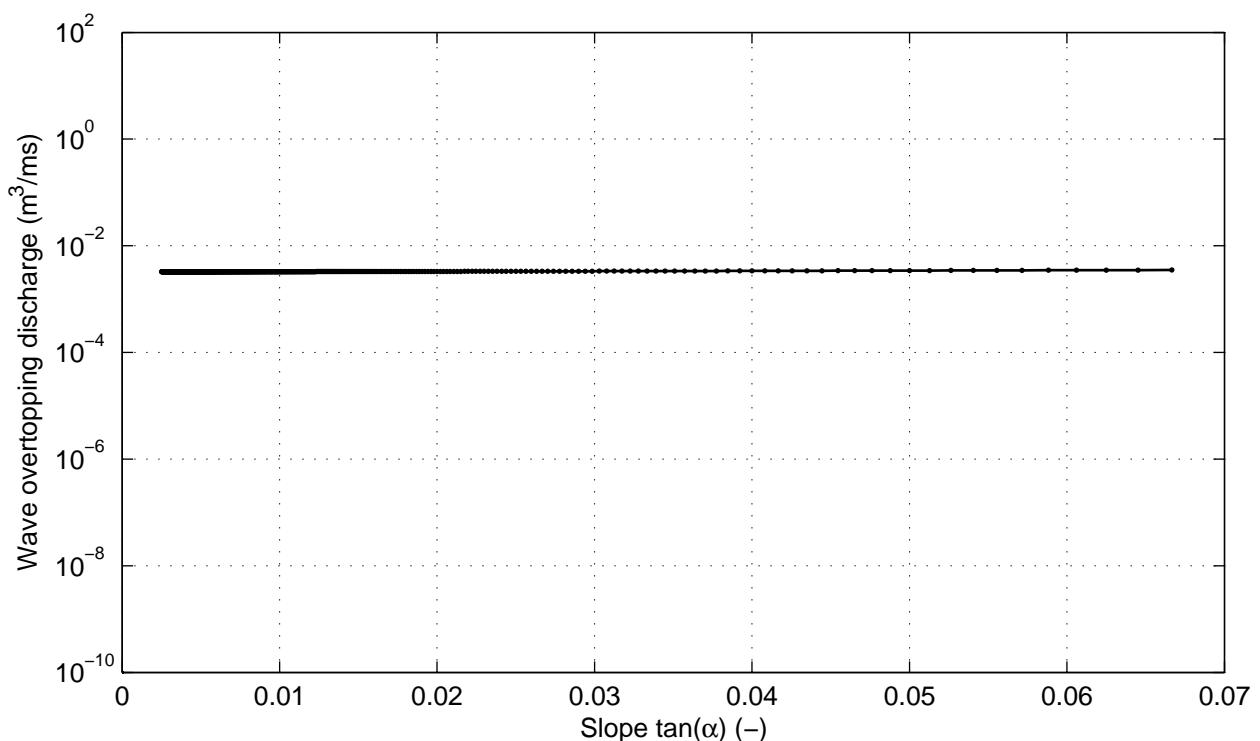
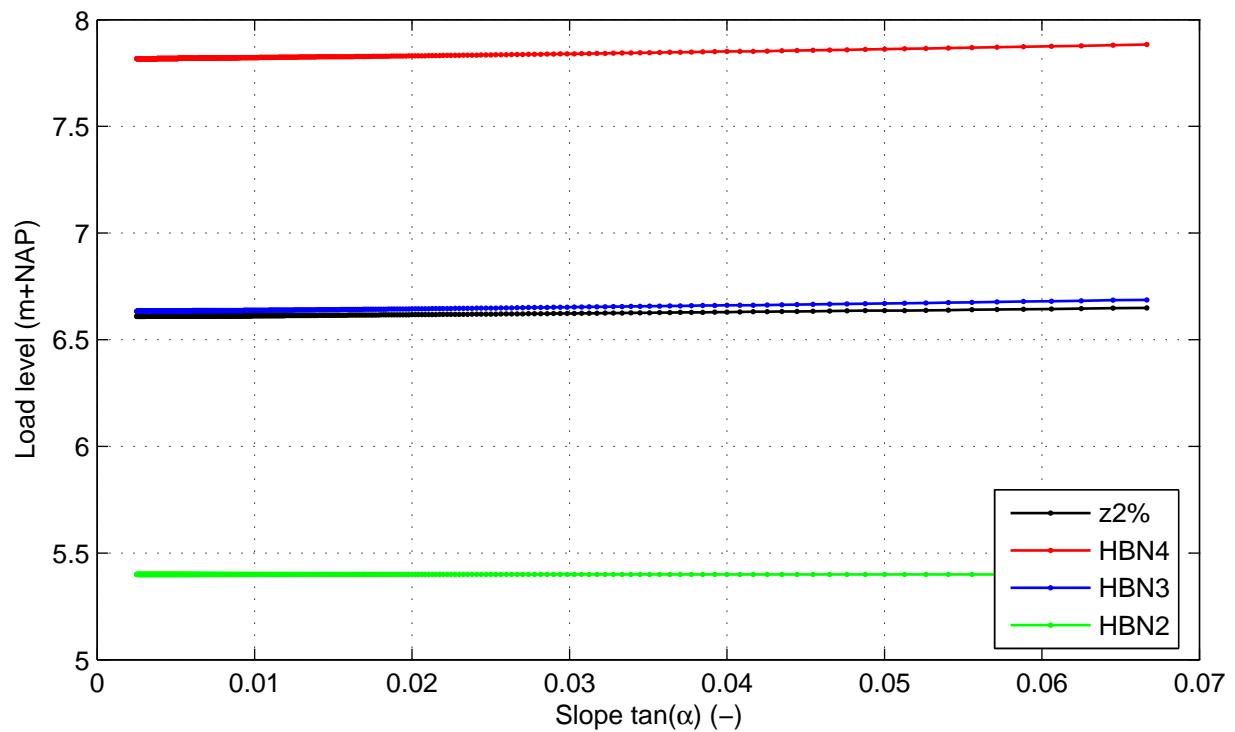
Cross section nr 6; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.7



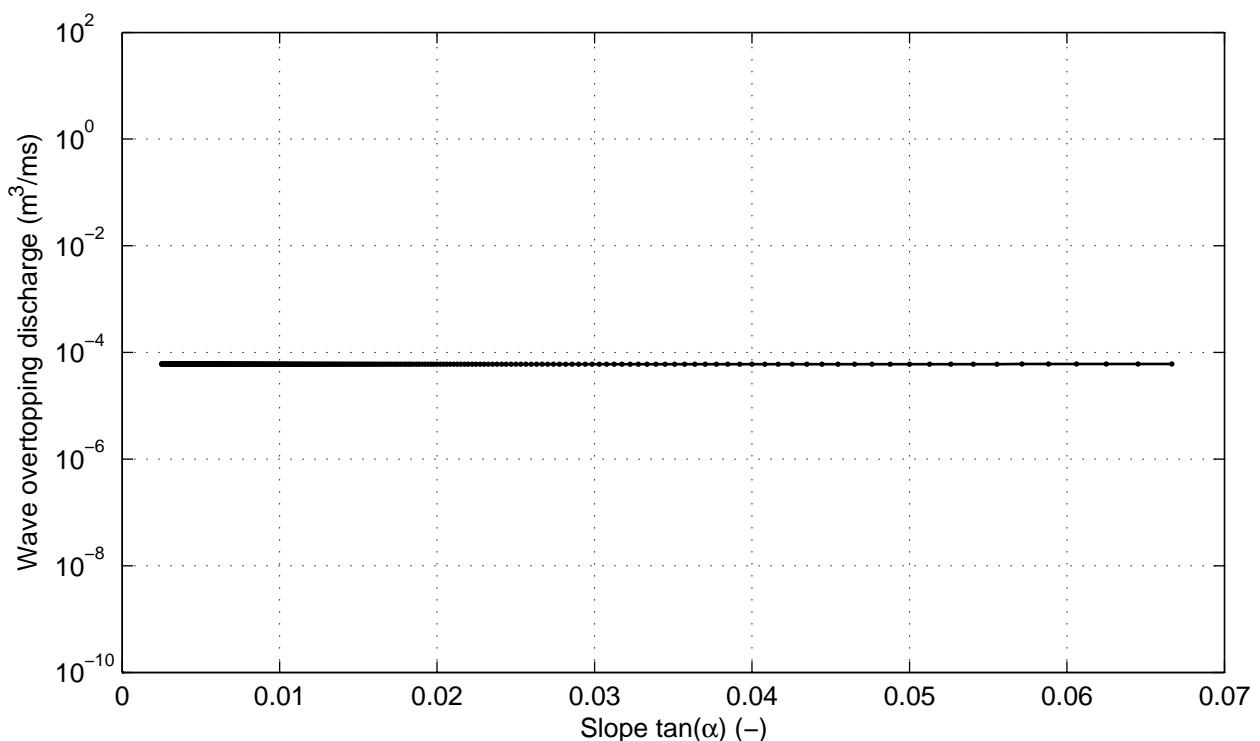
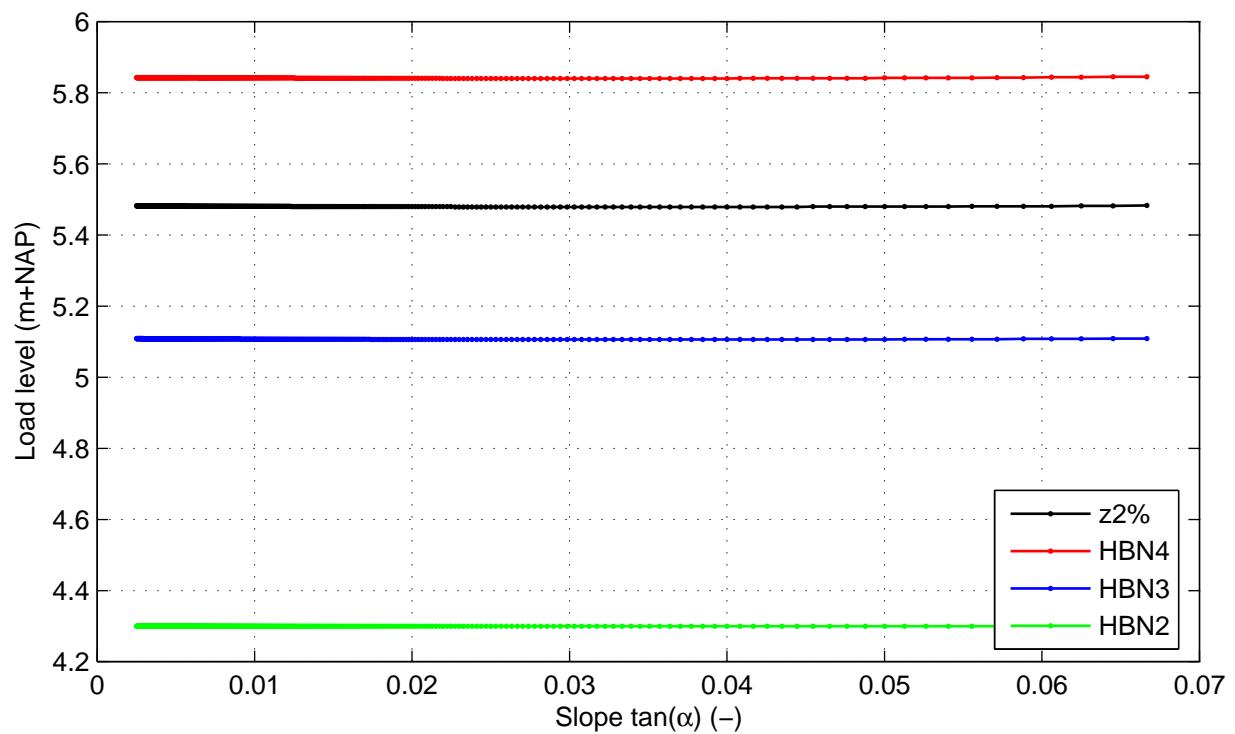
Cross section nr 6; series nr 8; Wave angle: 0 °
Varying slope second (higher) berm segment as a berm

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.8



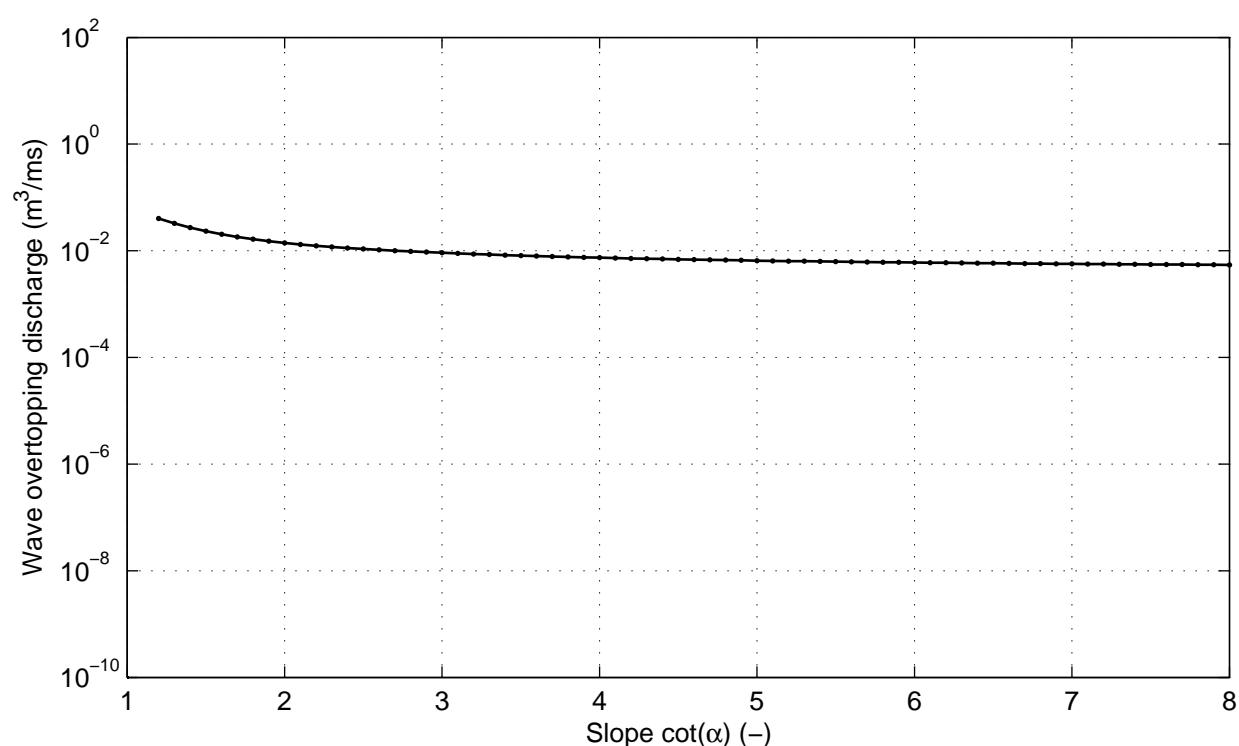
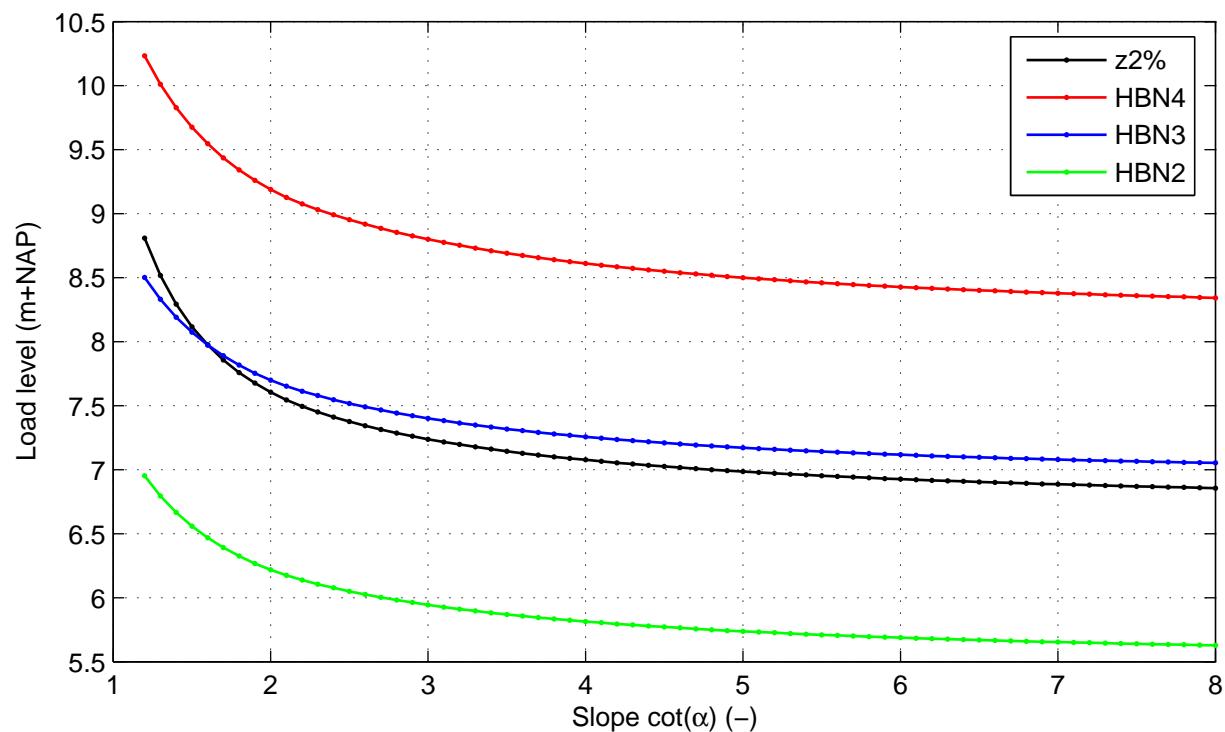
Cross section nr 6; series nr 9; Wave angle: 85 °
Varying slope second (higher) berm segment as a berm

Wave overtopping kernel tests

DELTARES

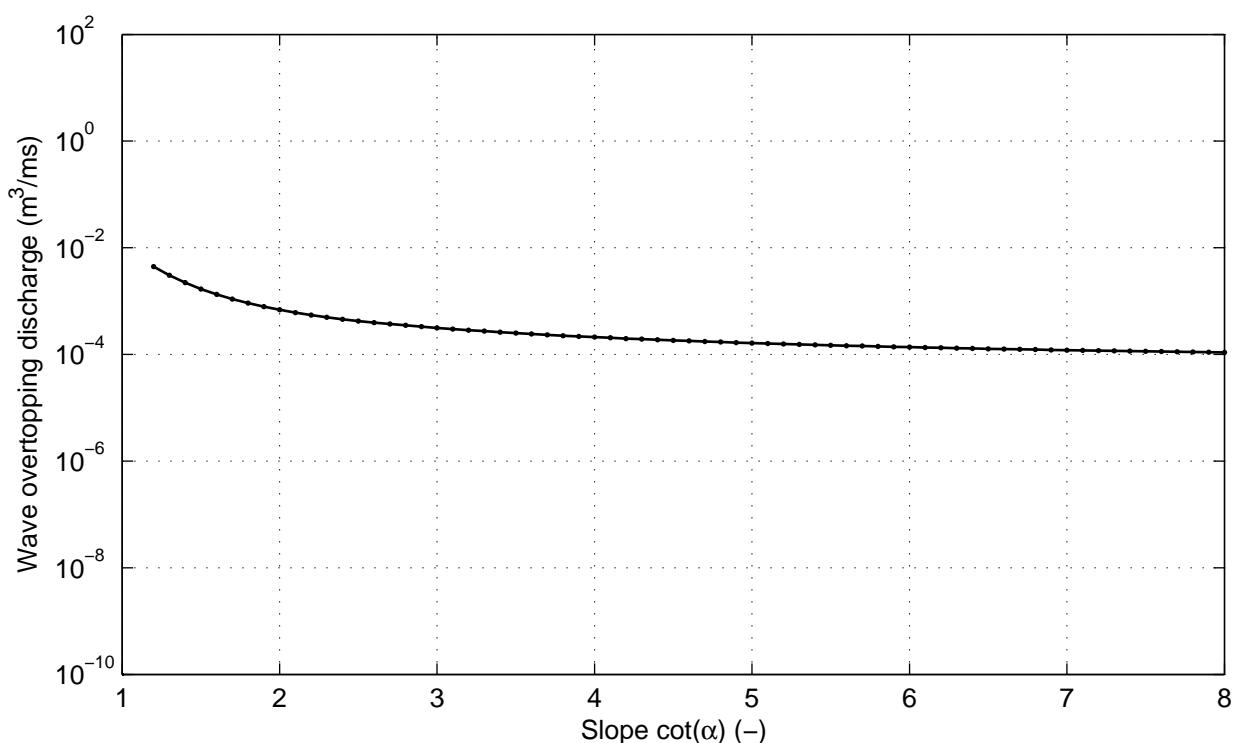
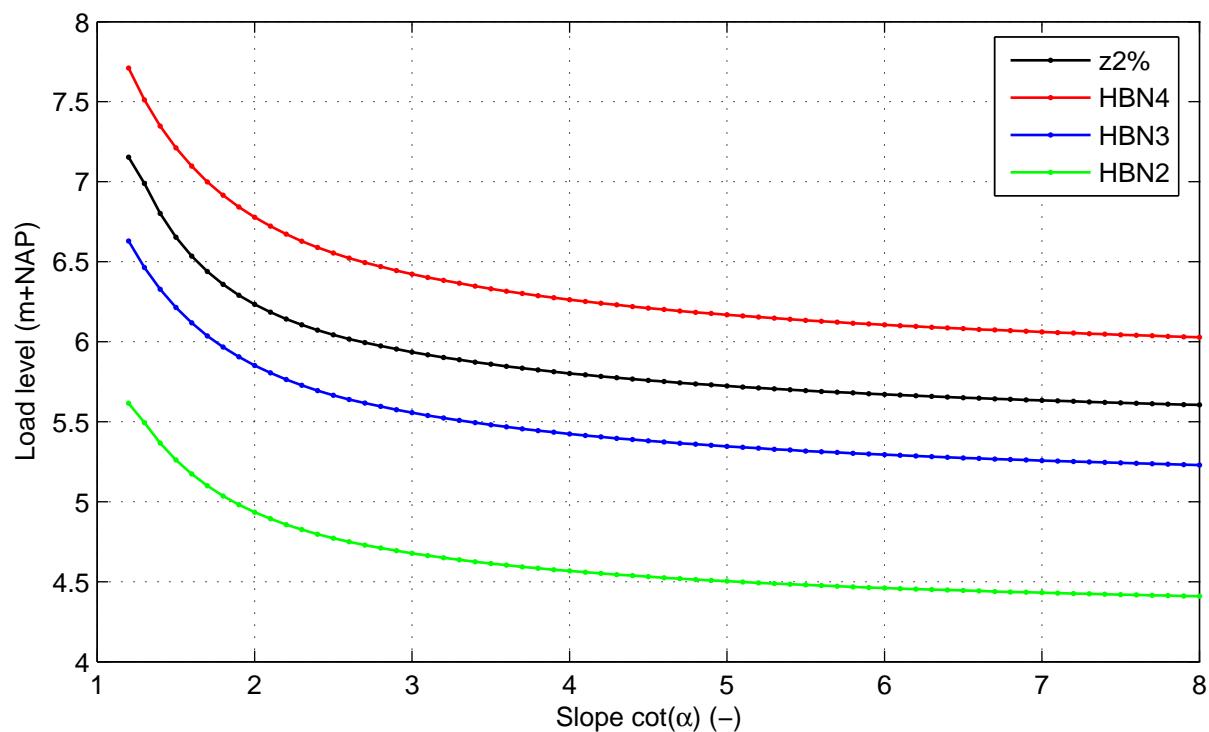
1220043.002

Fig. 6.9



Cross section nr 6; series nr 8; Wave angle: 0 °
Varying slope second (higher) berm segment as a slope

Wave overtopping kernel tests



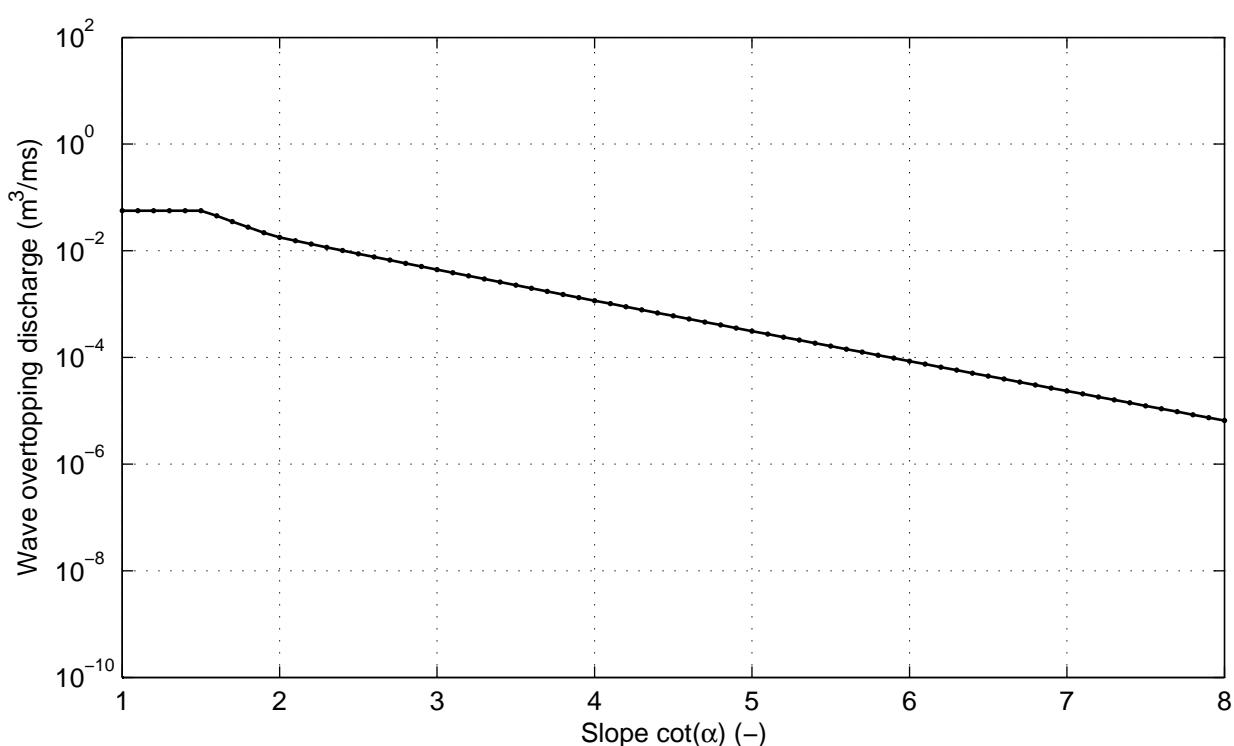
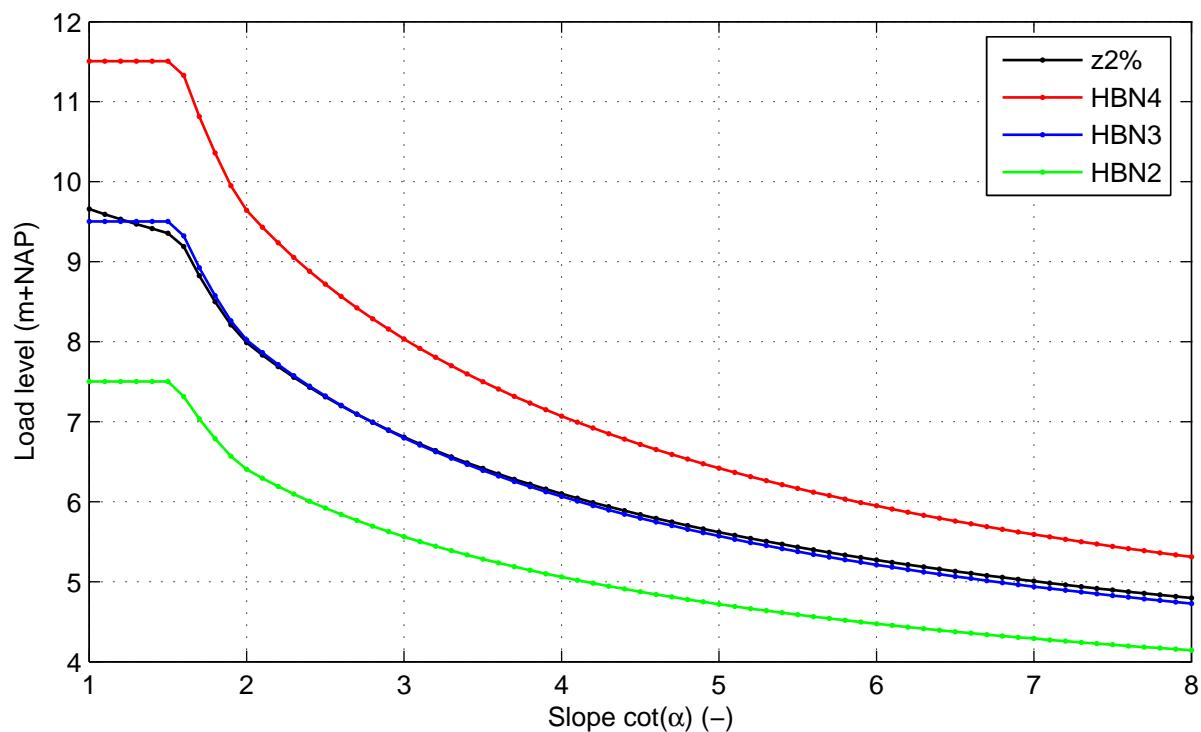
Cross section nr 6; series nr 9; Wave angle: 85 °
Varying slope second (higher) berm segment as a slope

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.11



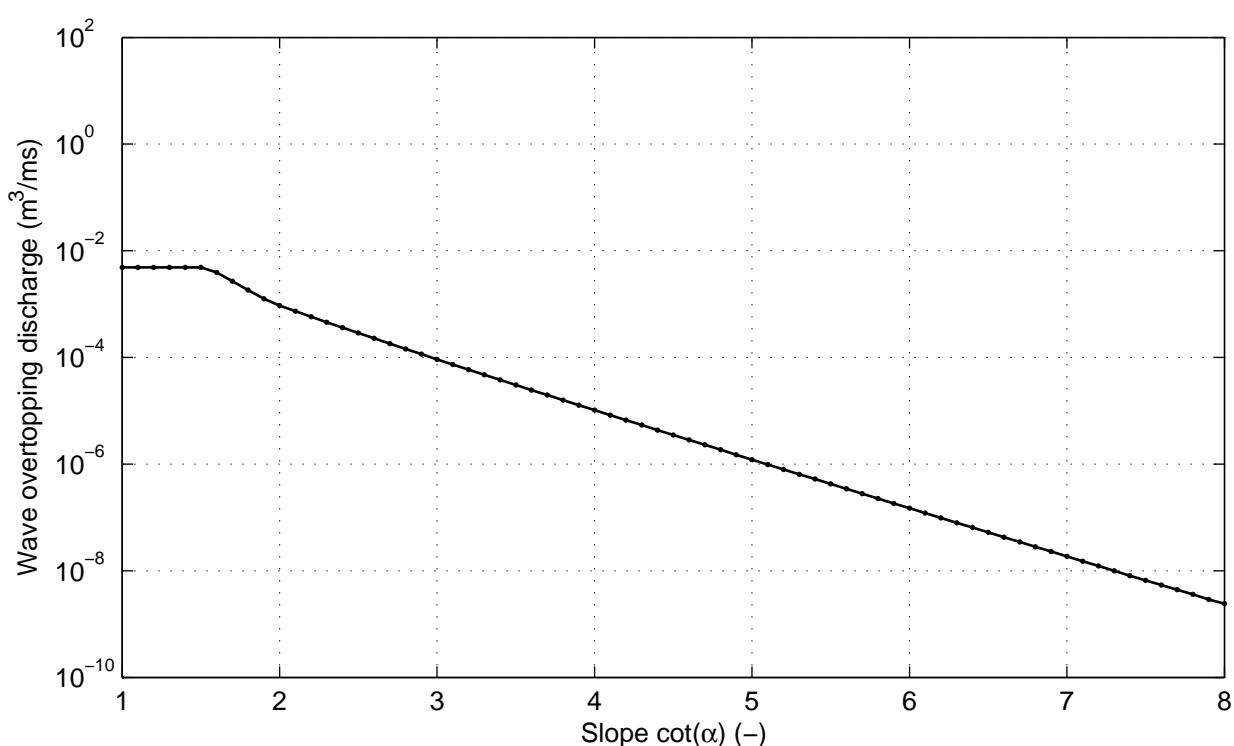
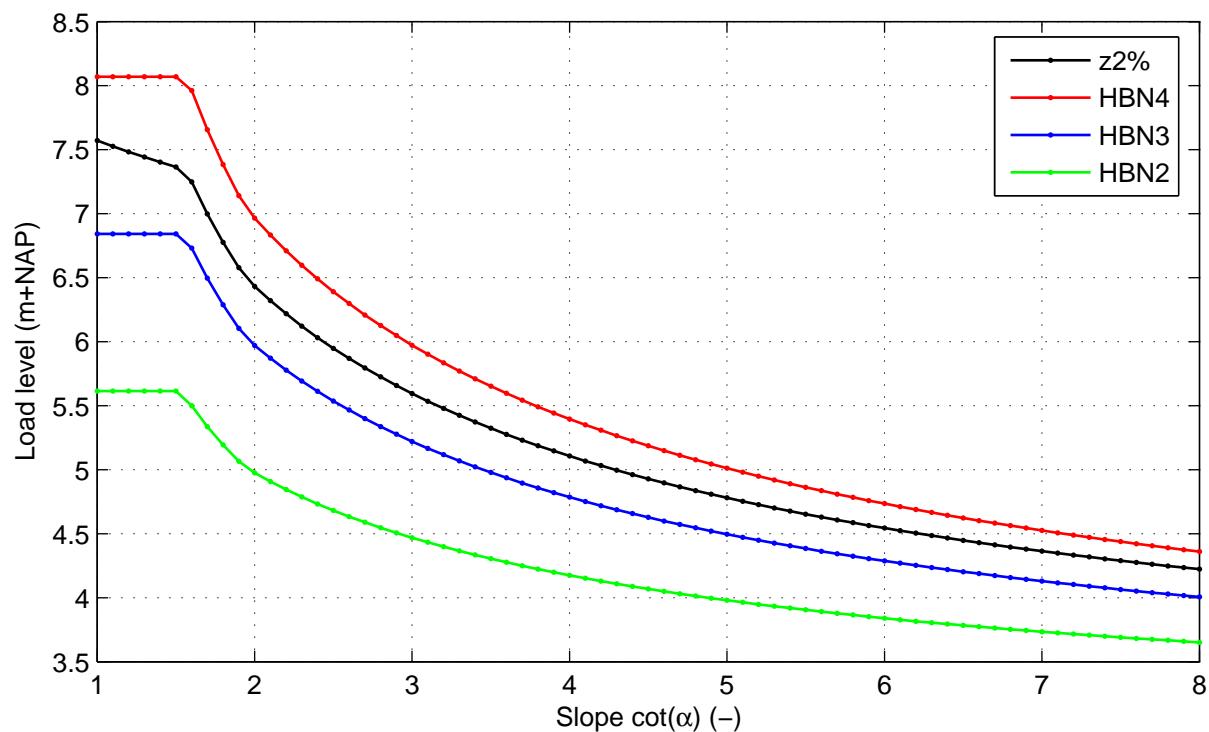
Cross section nr 6; series nr 10; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.12



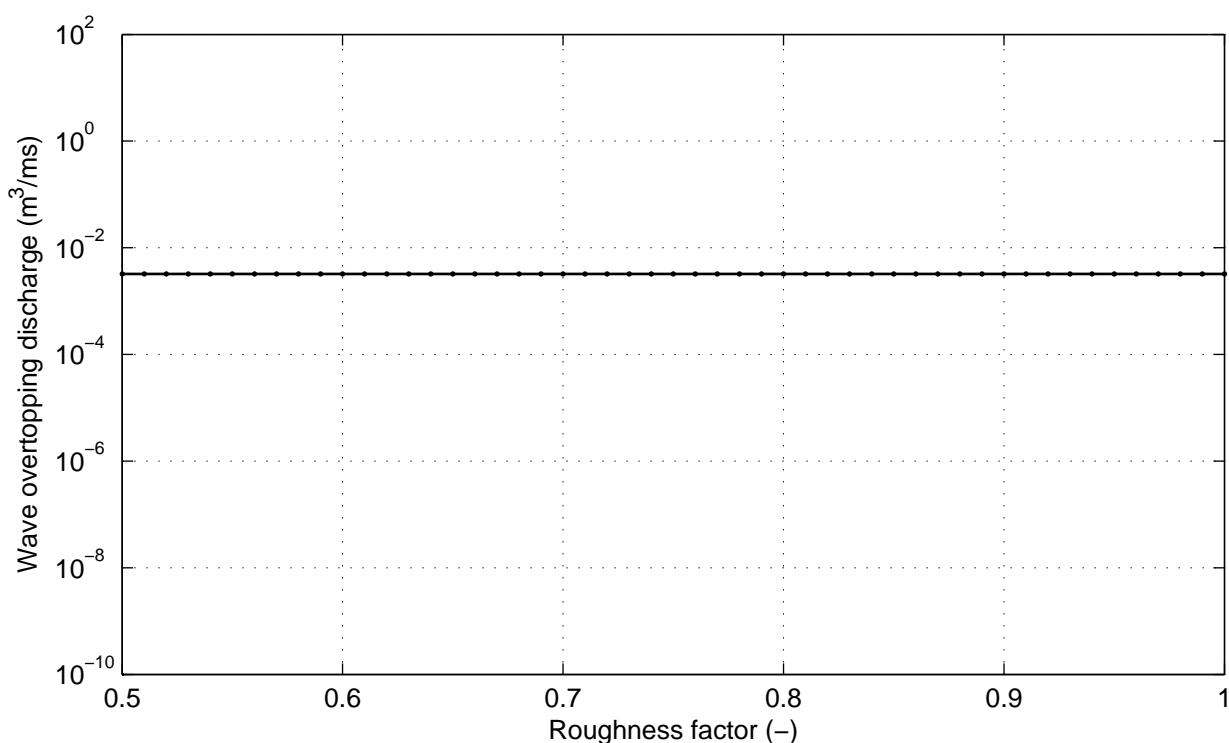
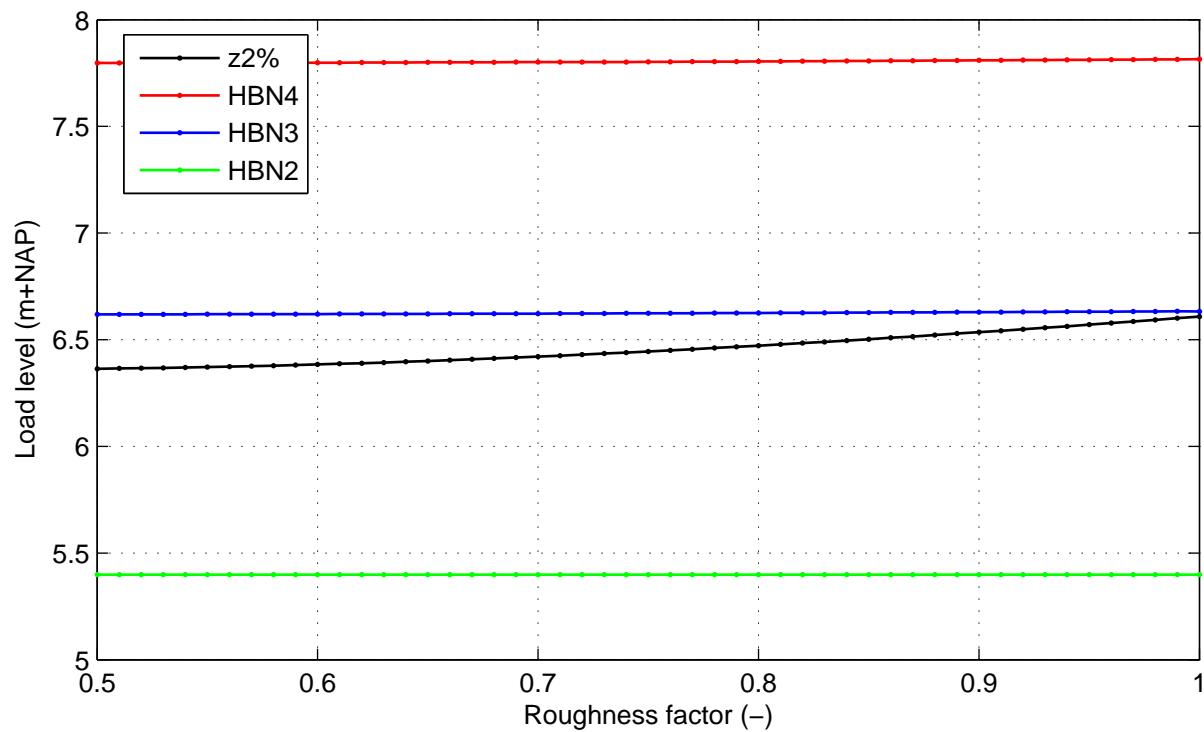
Cross section nr 6; series nr 11; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.13



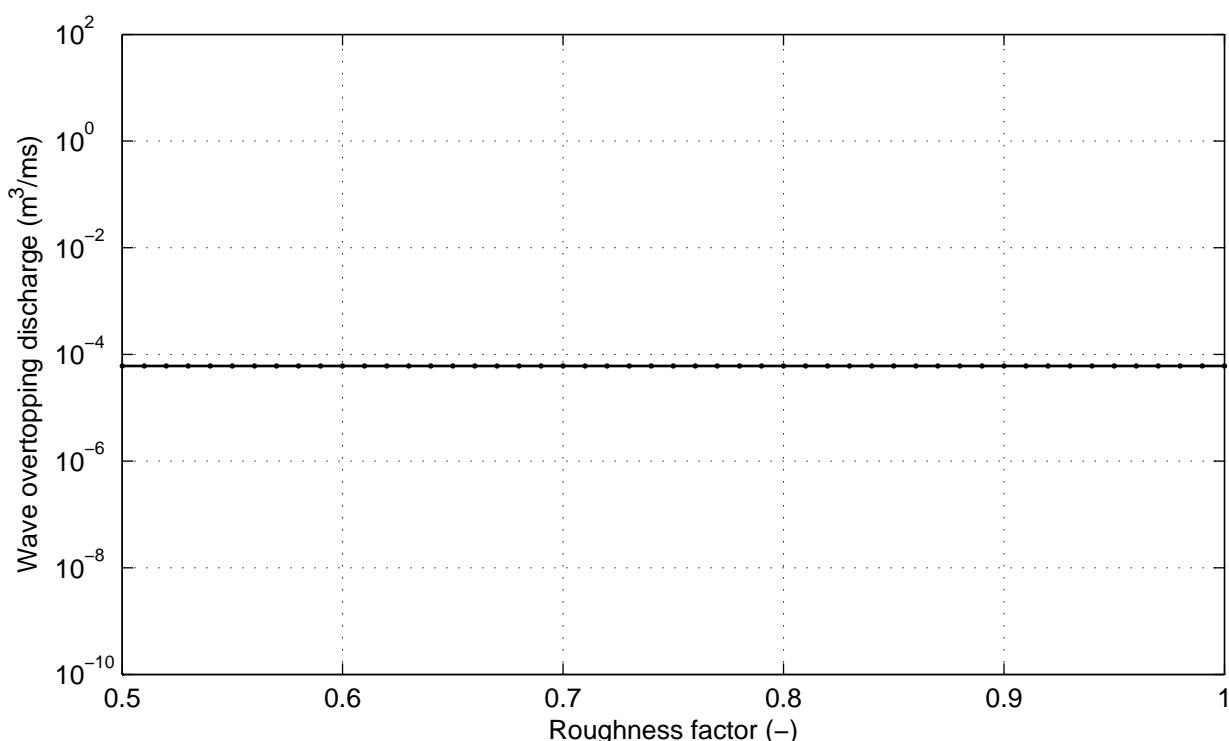
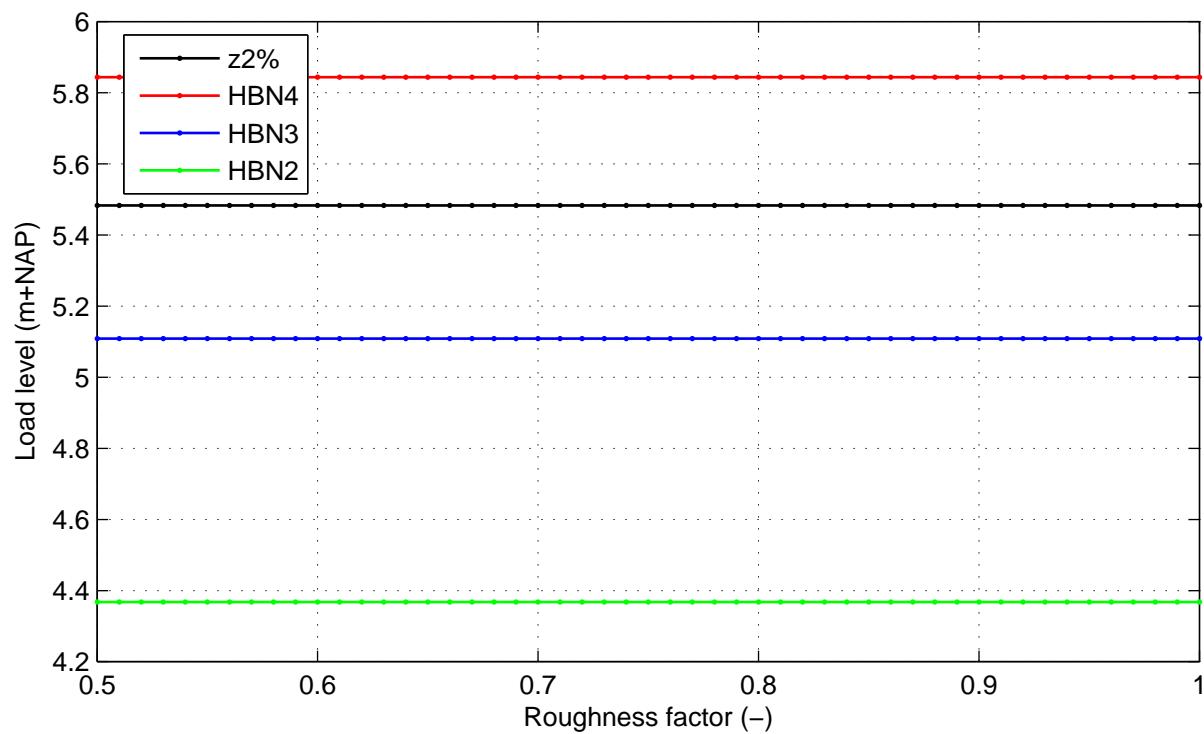
Cross section nr 6; series nr 12; Wave angle: 0 °
Varying roughness of segment 2

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.14



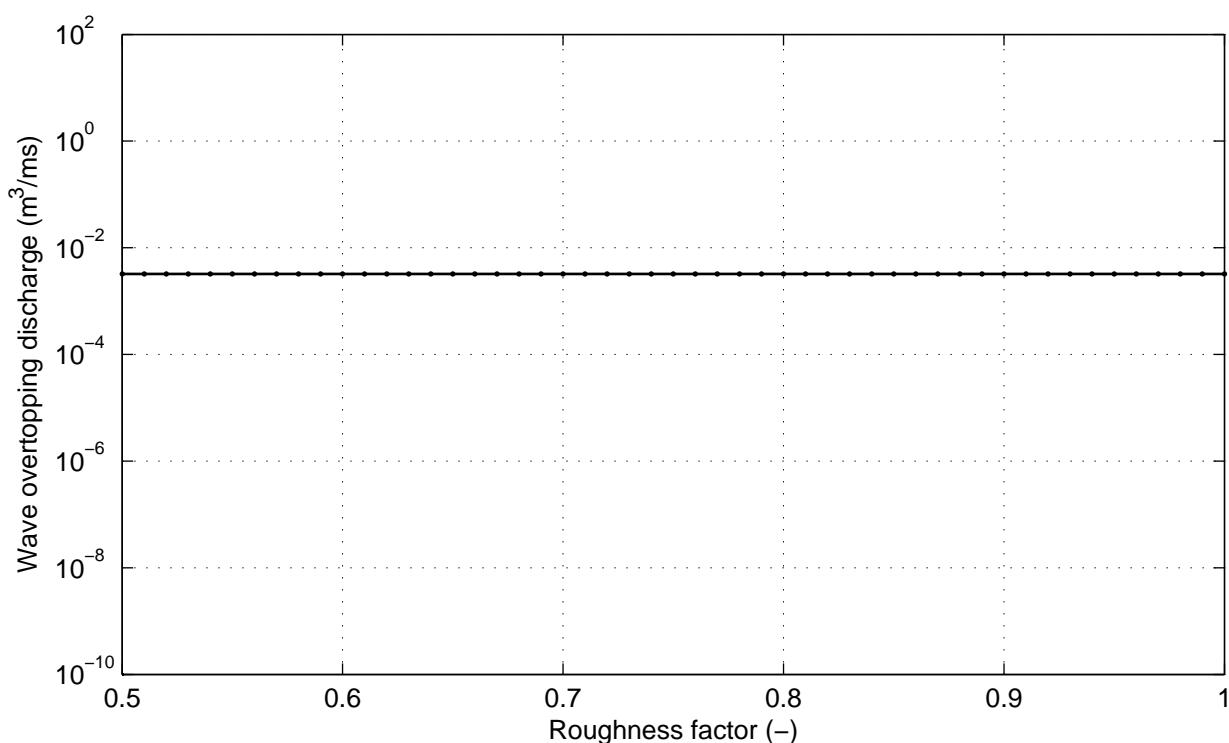
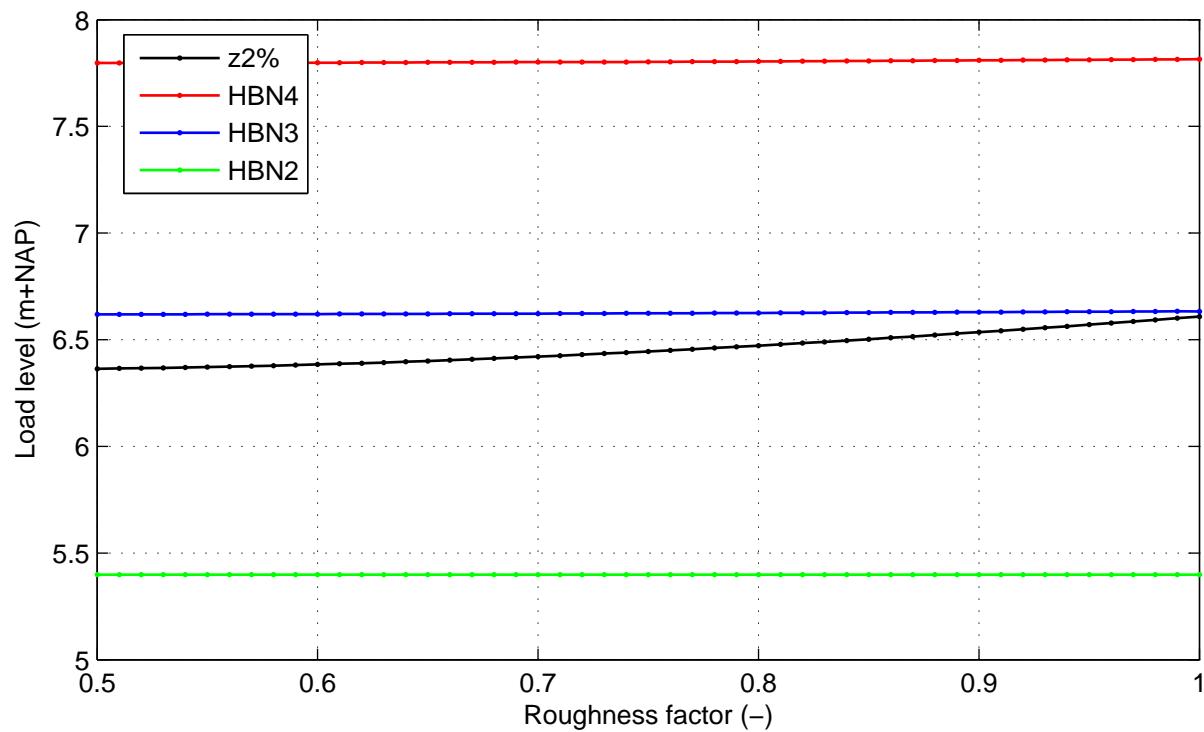
Cross section nr 6; series nr 13; Wave angle: 85 °
Varying roughness of segment 2

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.15



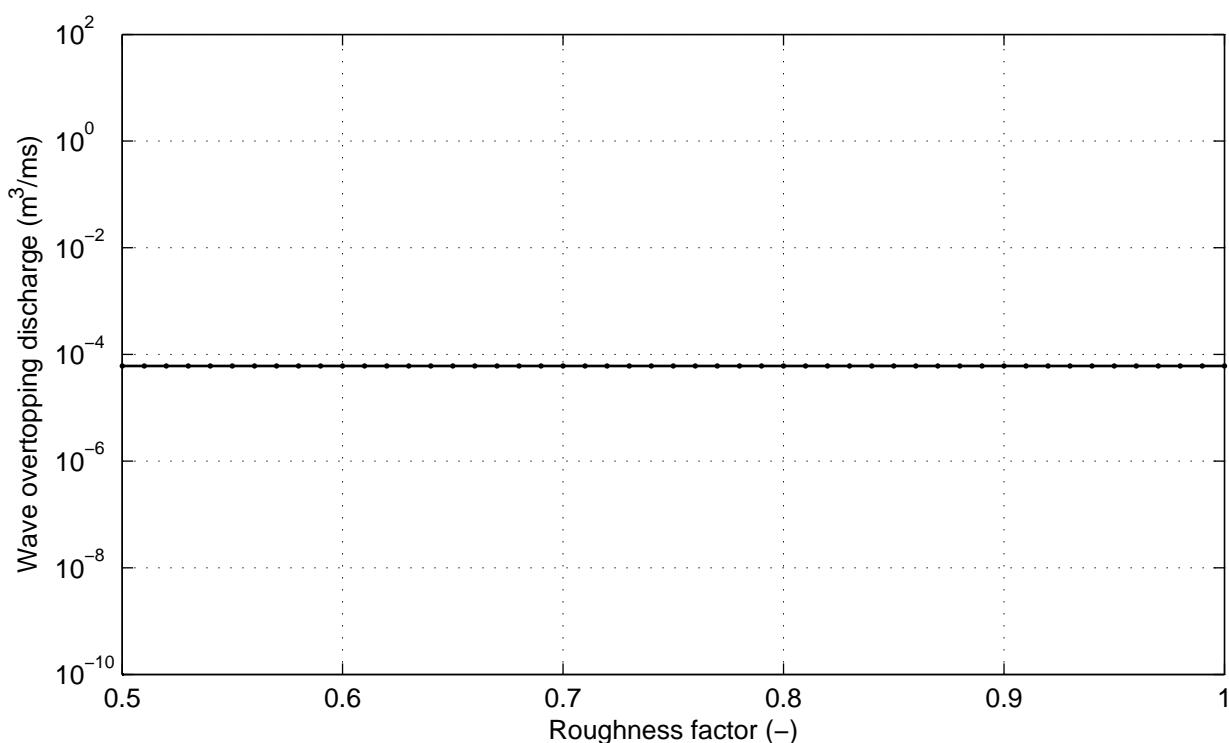
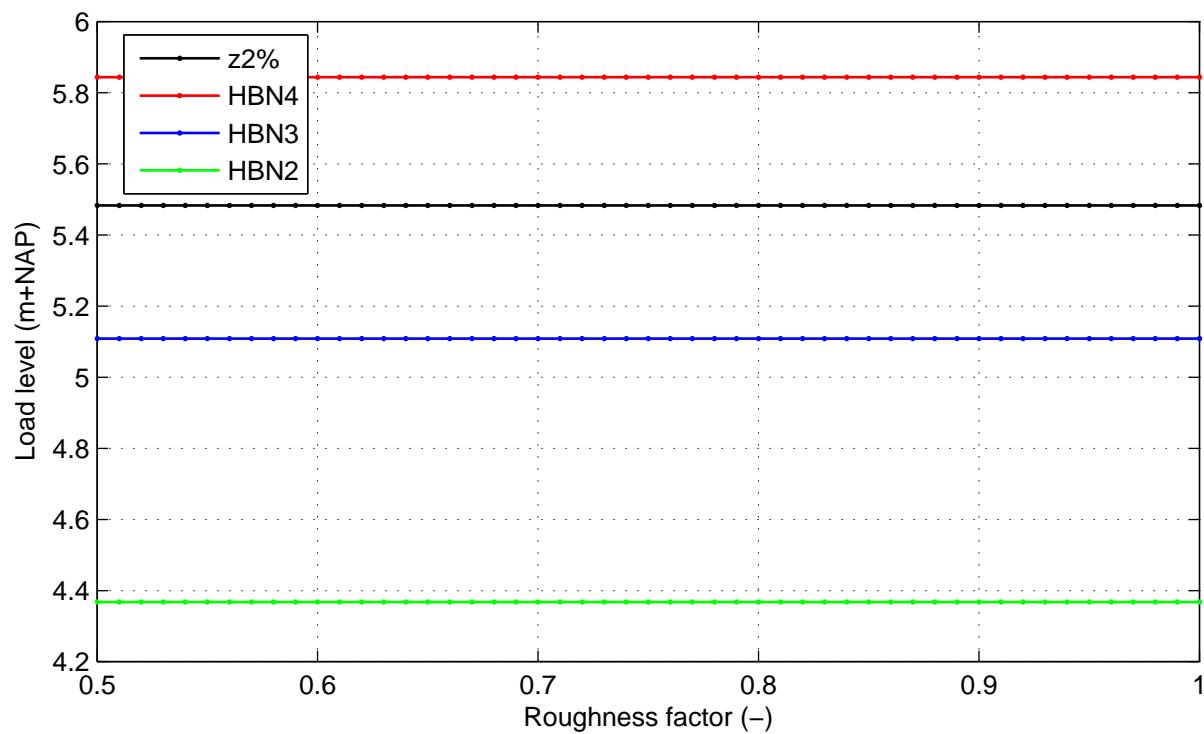
Cross section nr 6; series nr 14; Wave angle: 0 °
Varying roughness of segment 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.16



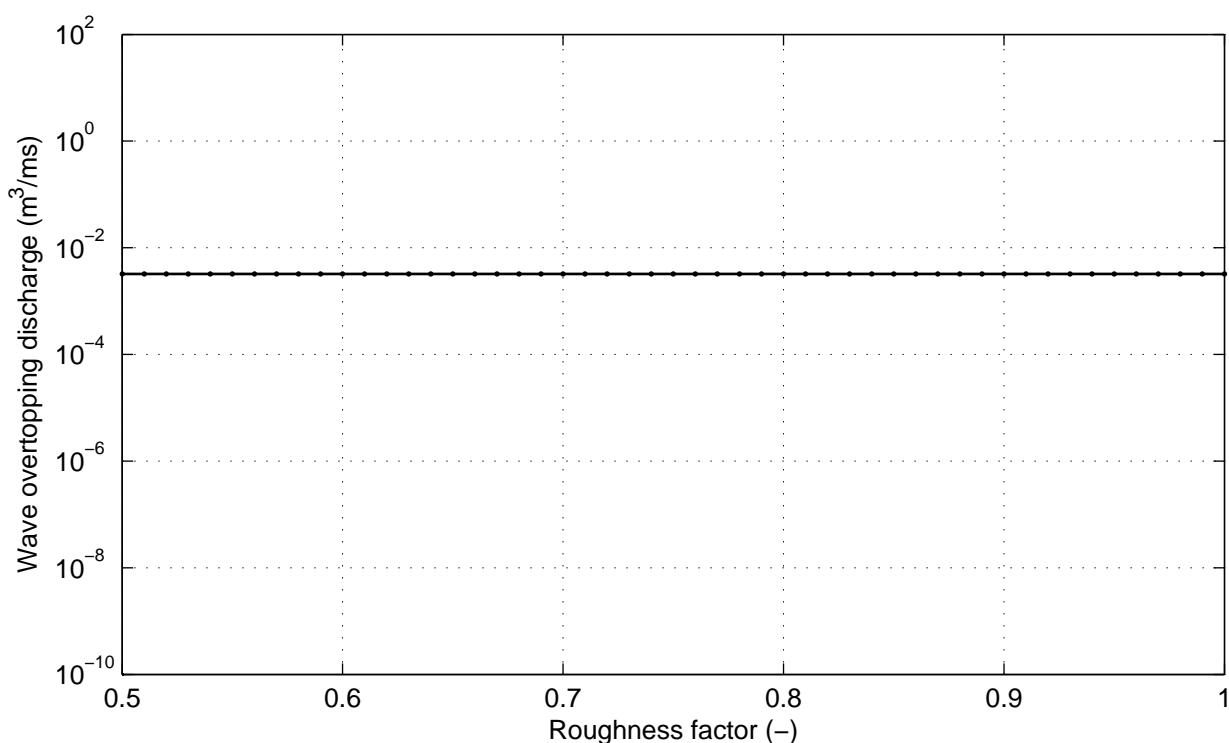
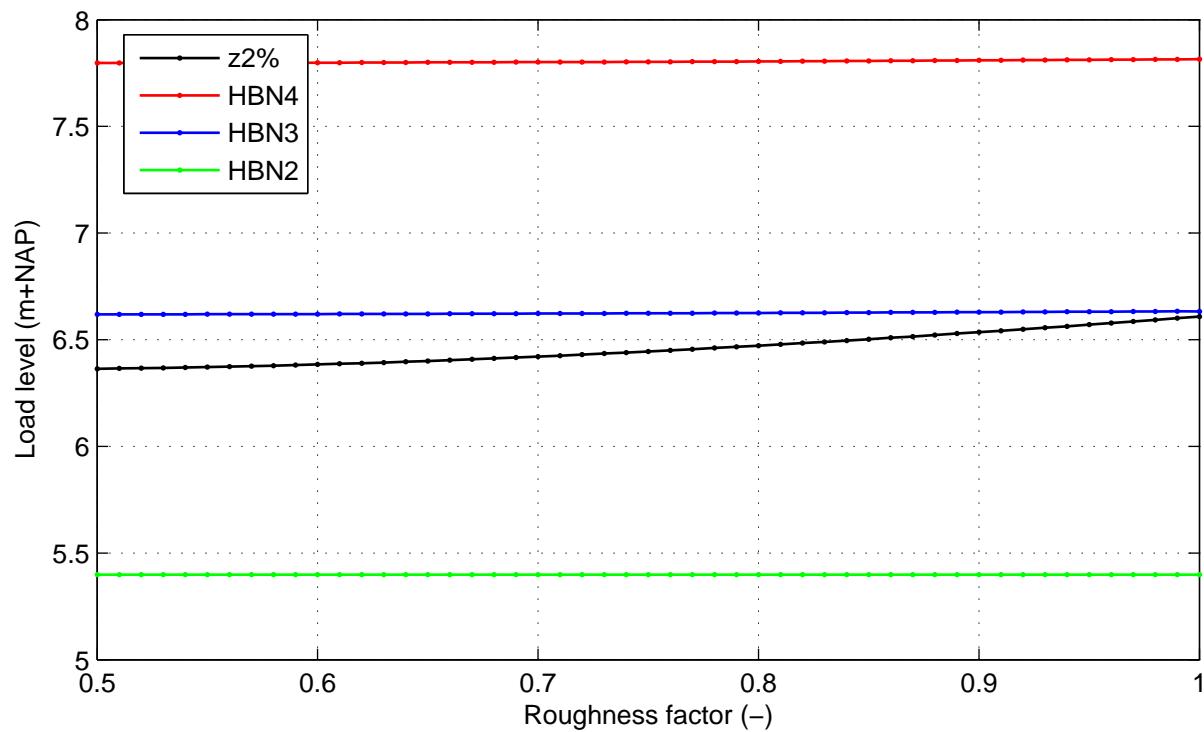
Cross section nr 6; series nr 15; Wave angle: 85 °
Varying roughness of segment 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.17



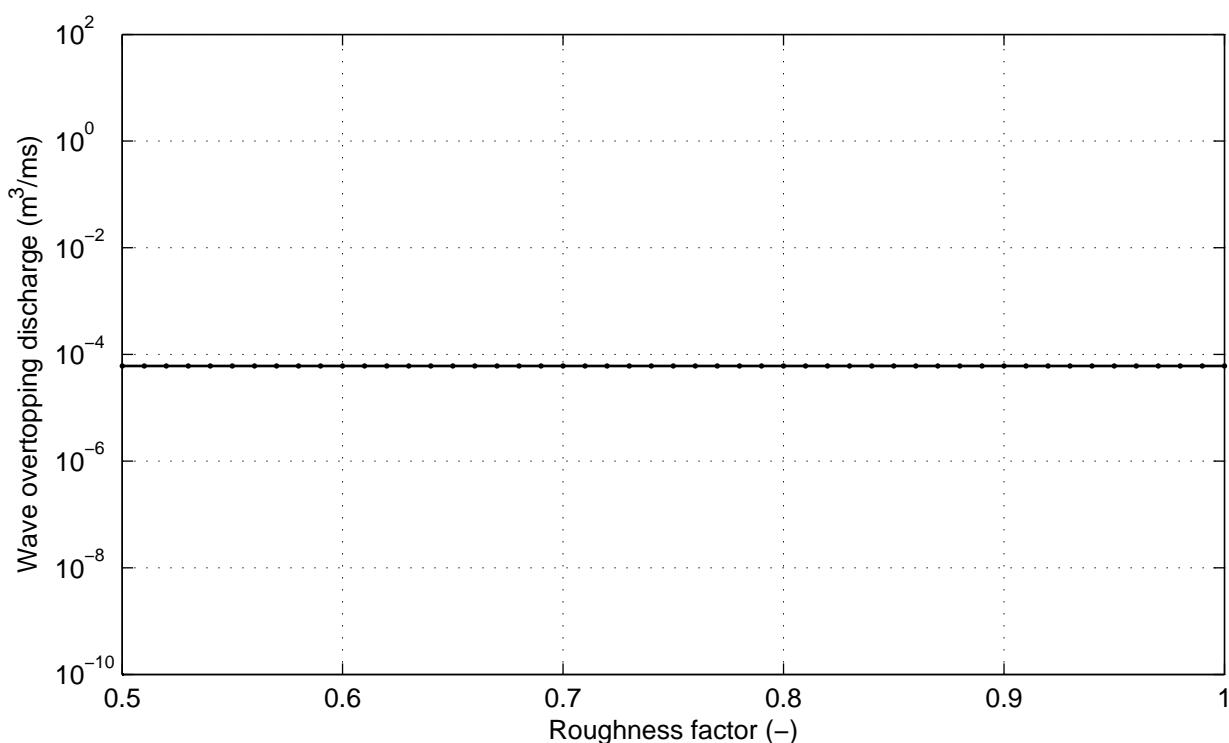
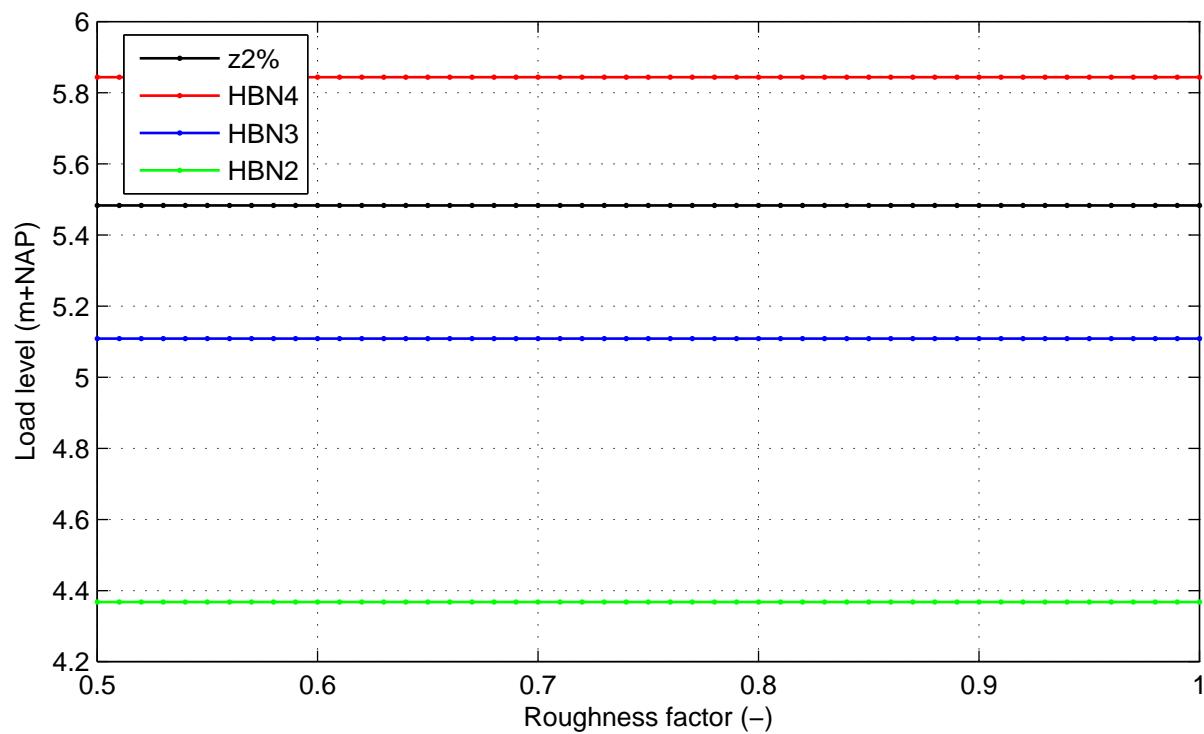
Cross section nr 6; series nr 16; Wave angle: 0 °
Varying roughness of segments 1 and 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.18



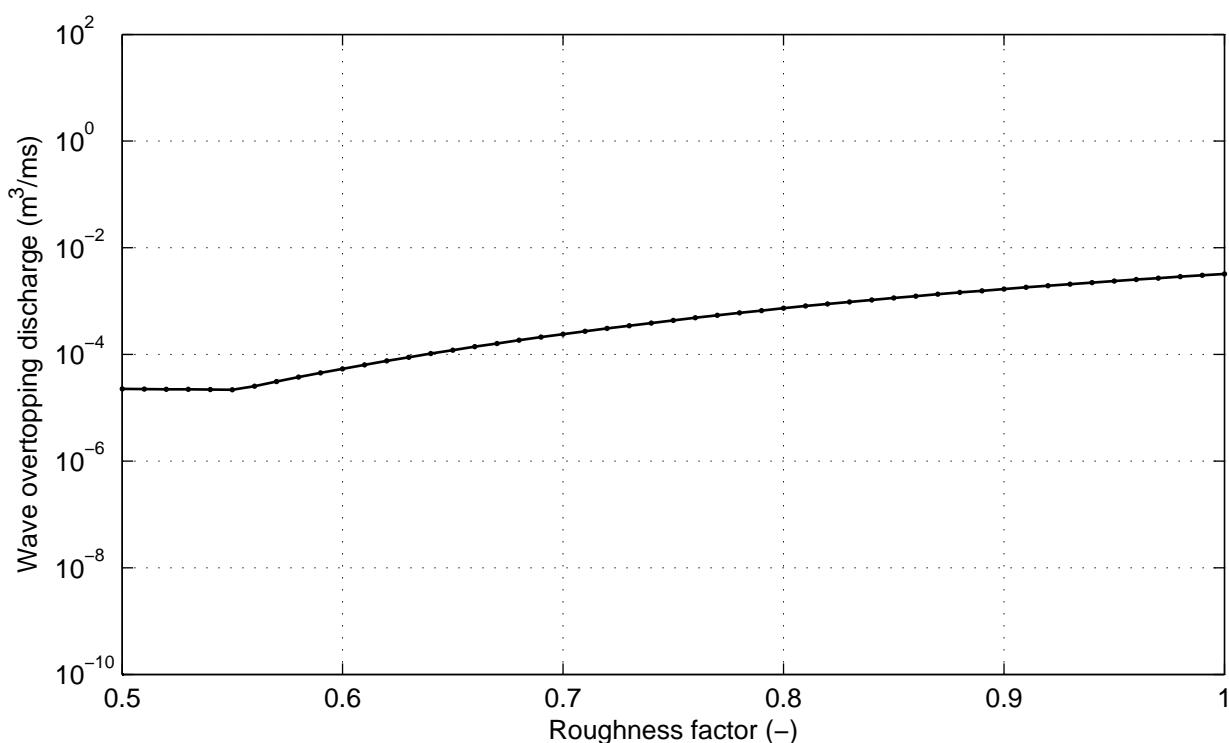
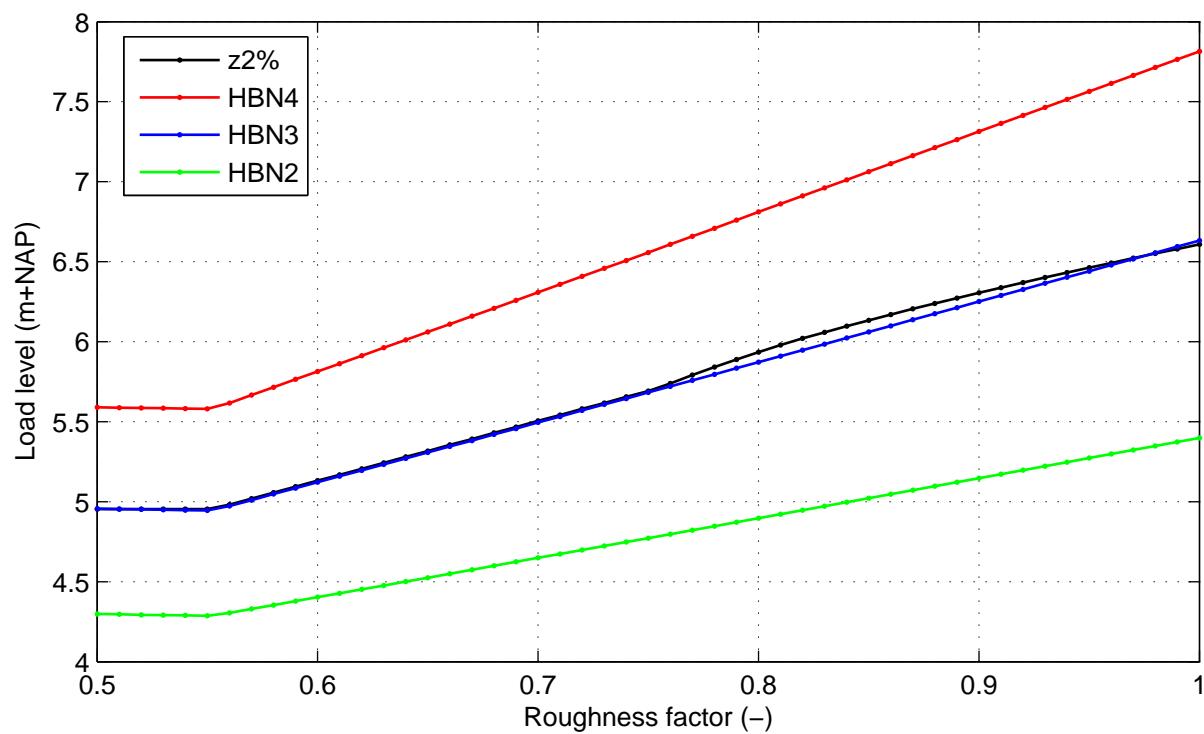
Cross section nr 6; series nr 17; Wave angle: 85 °
Varying roughness of segments 1 and 3

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.19



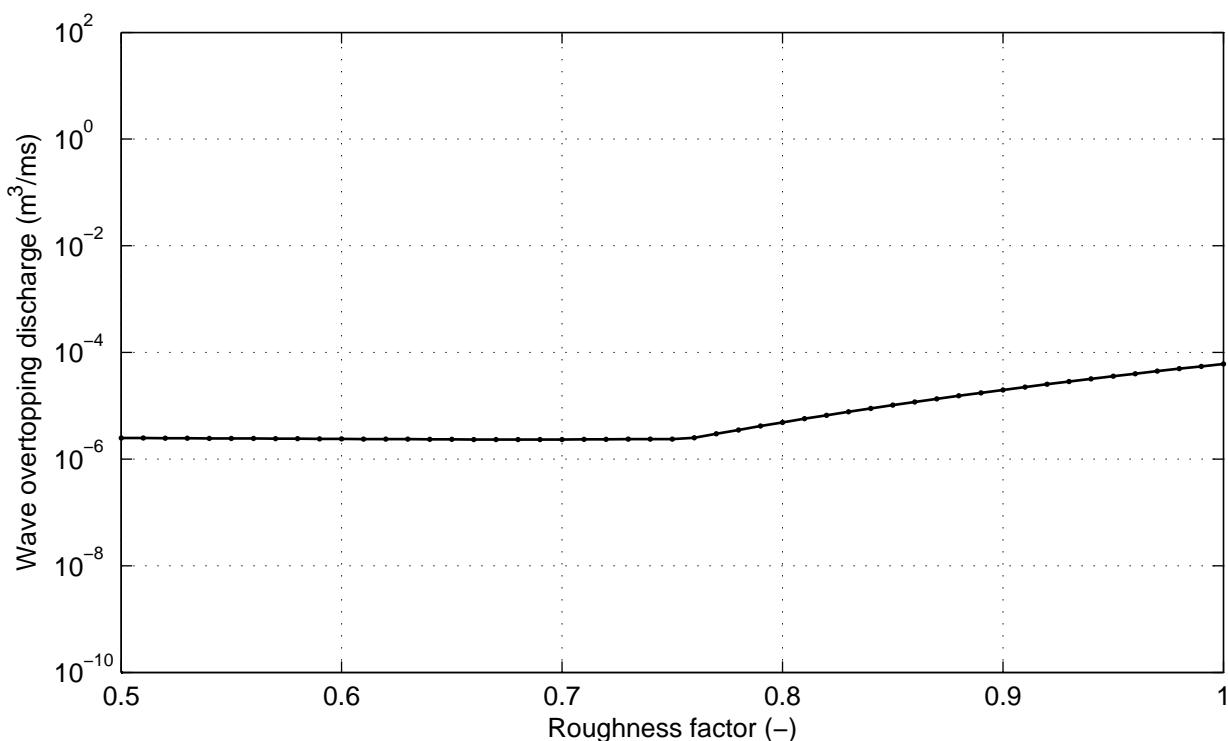
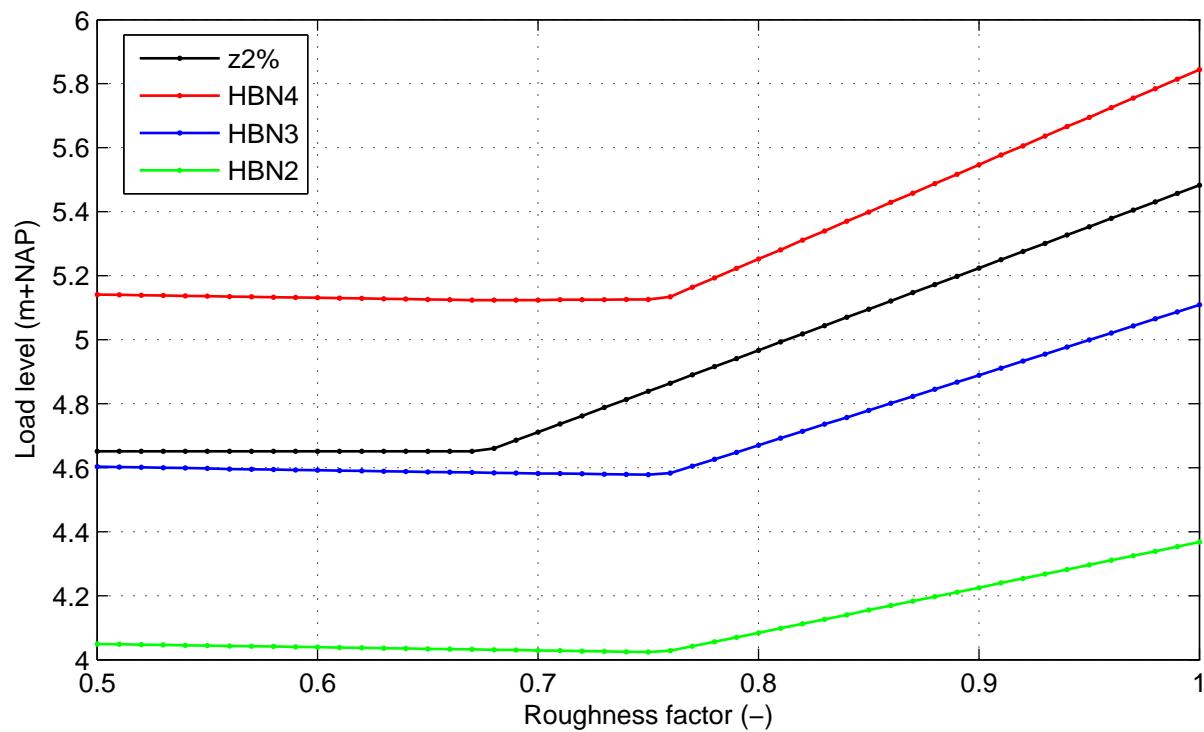
Cross section nr 6; series nr 18; Wave angle: 0 °
Varying roughness of segments 2 and 4

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.20



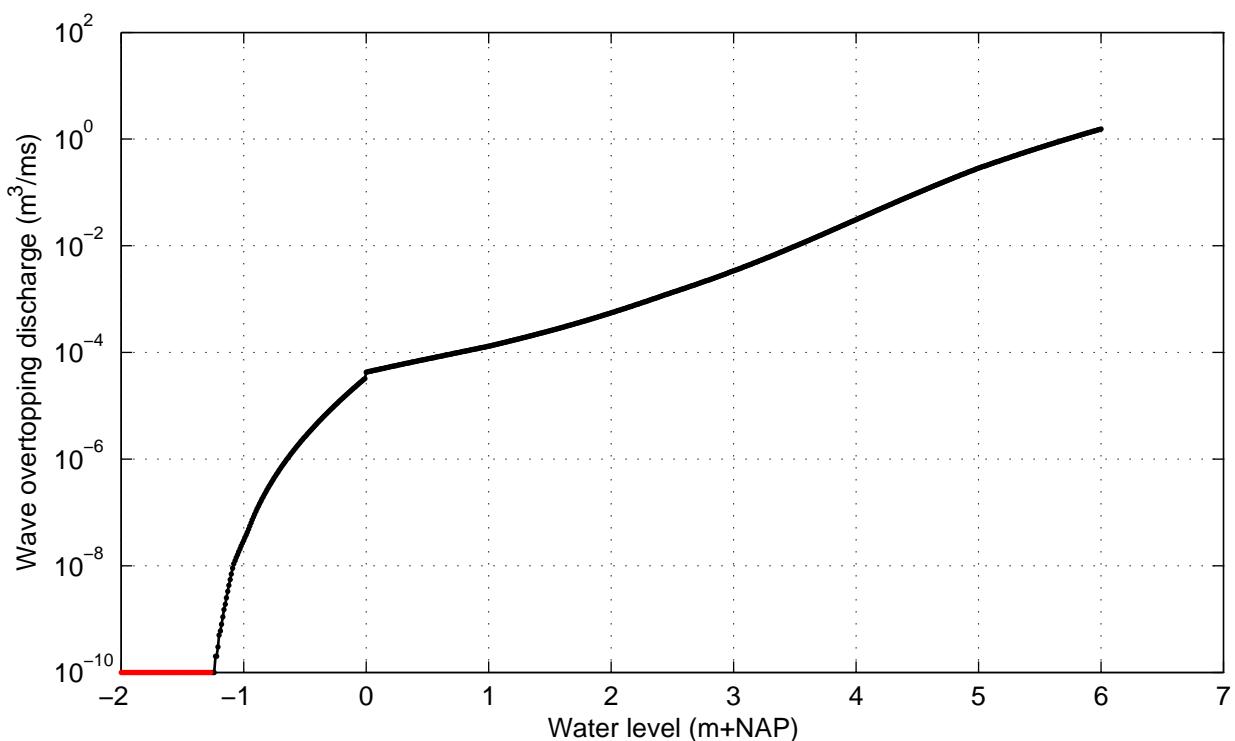
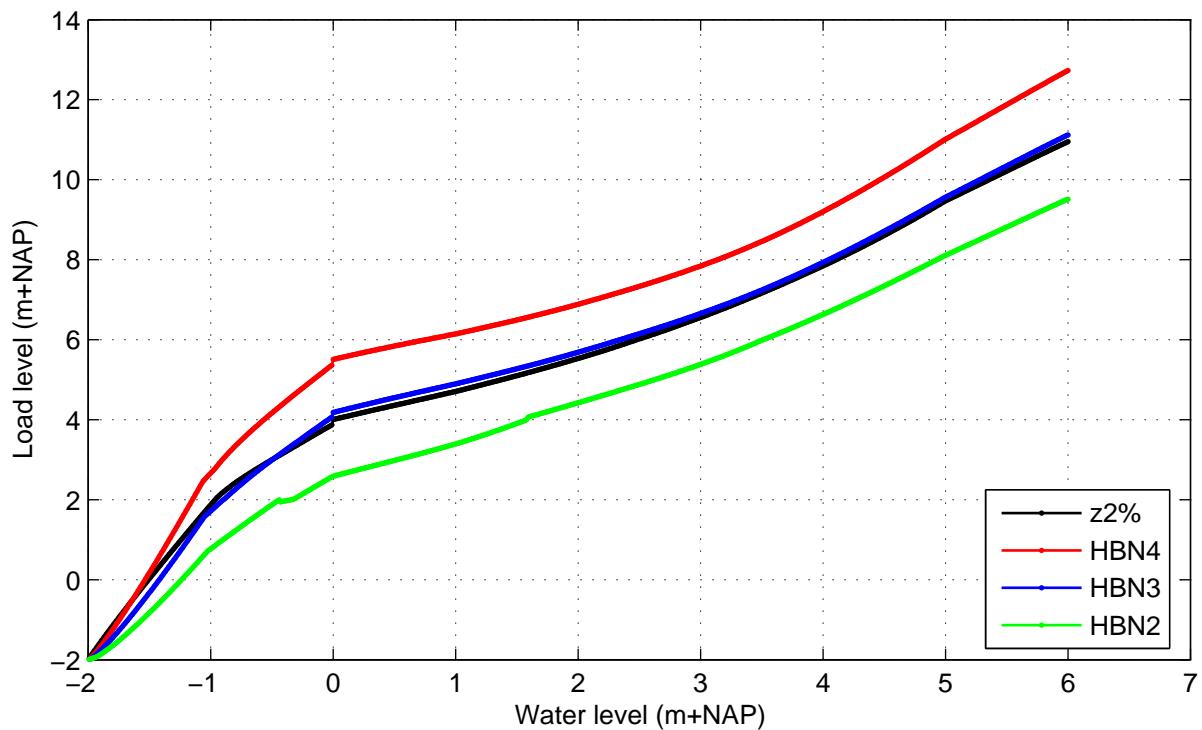
Cross section nr 6; series nr 19; Wave angle: 85 °
Varying roughness of segments 2 and 4

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 6.21



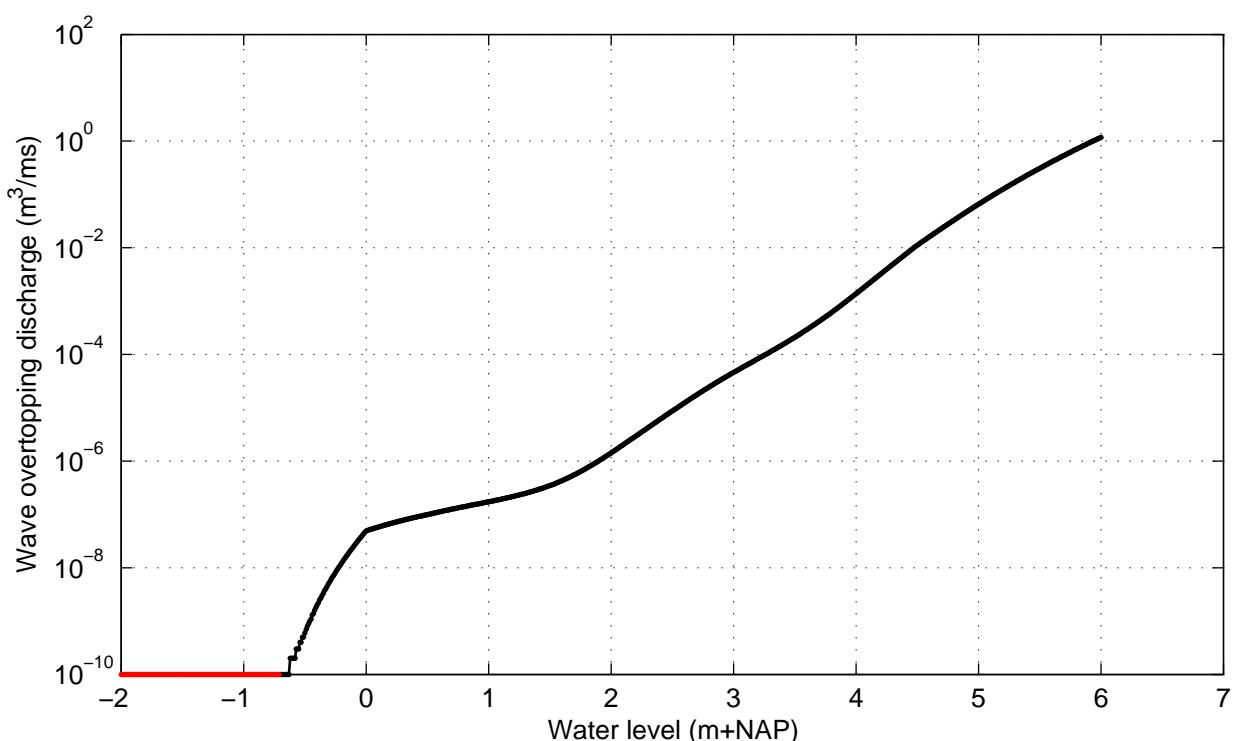
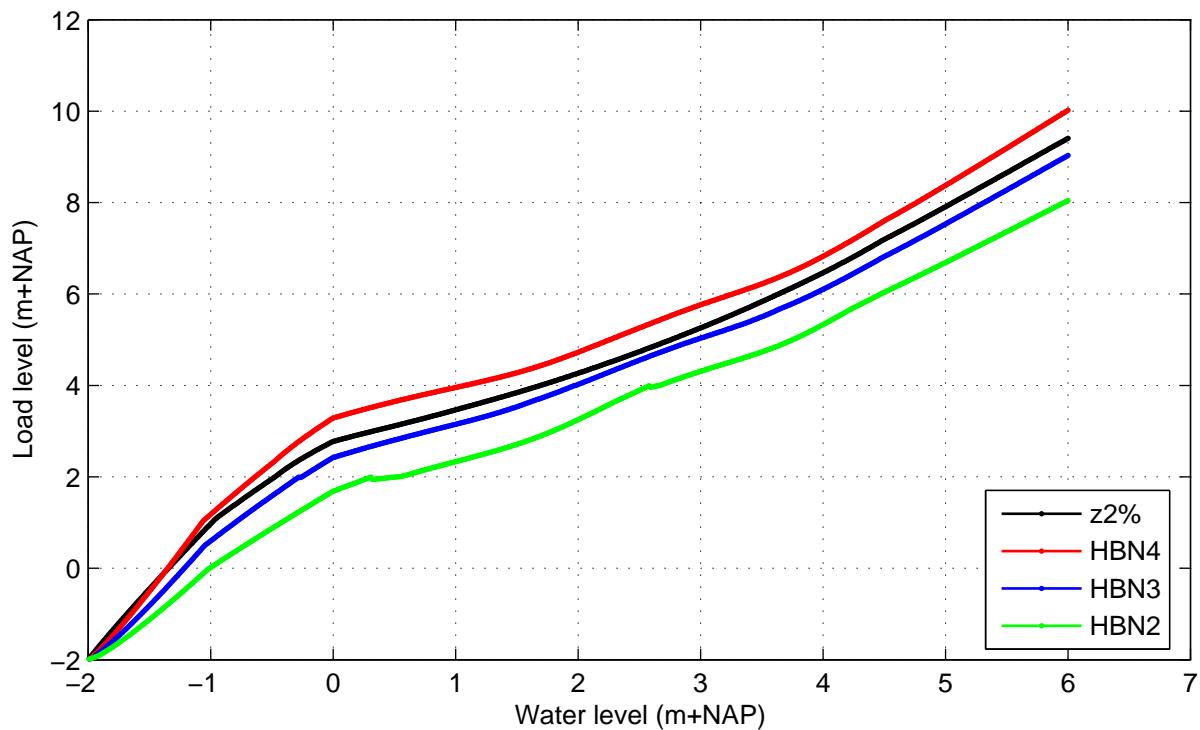
Cross section nr 7; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.1



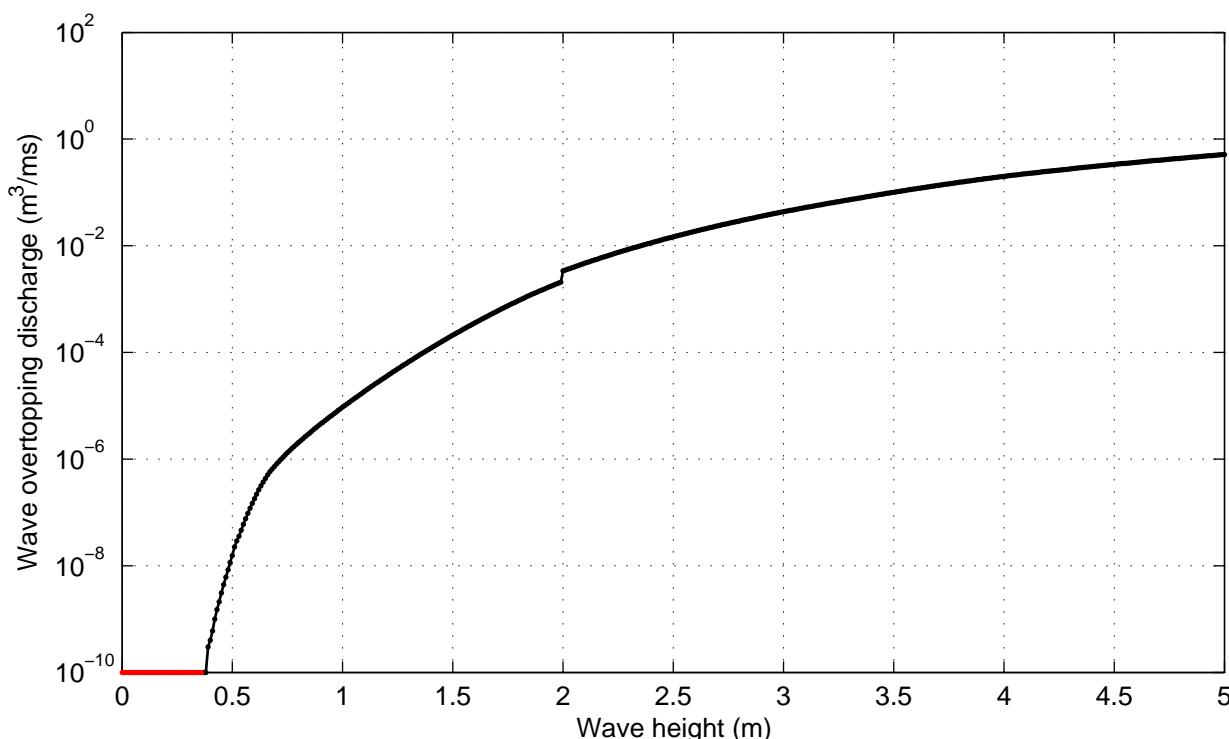
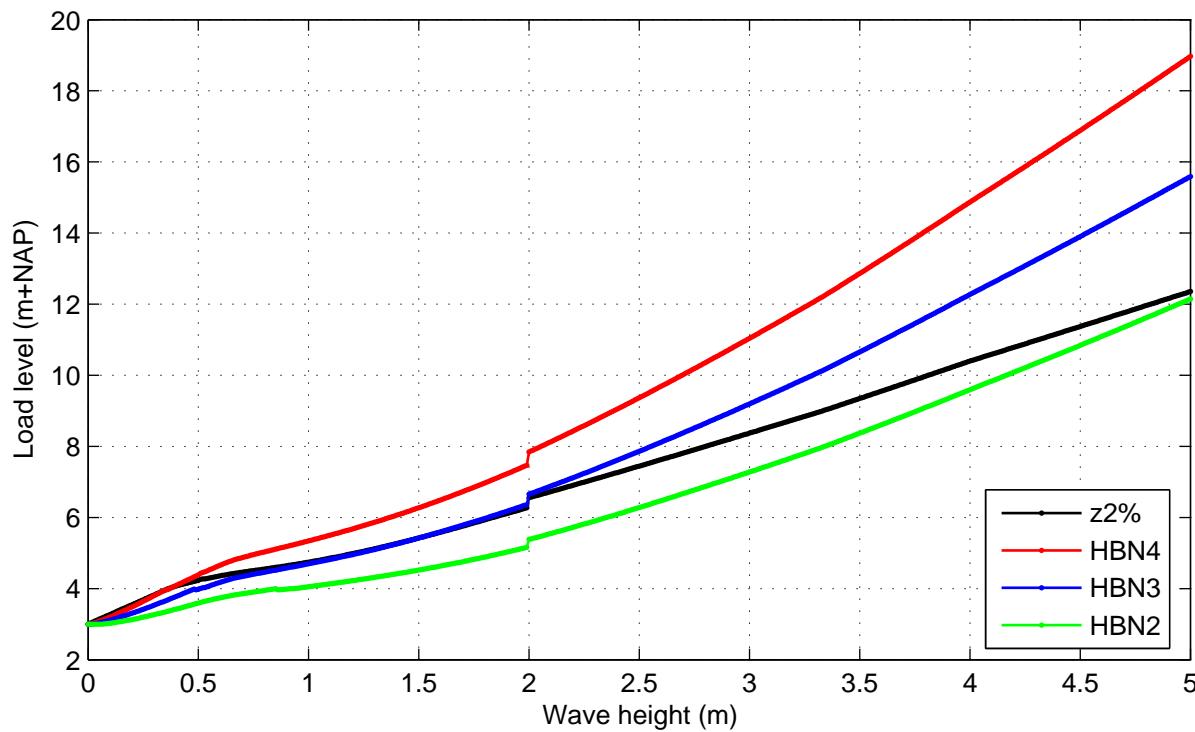
Cross section nr 7; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.2



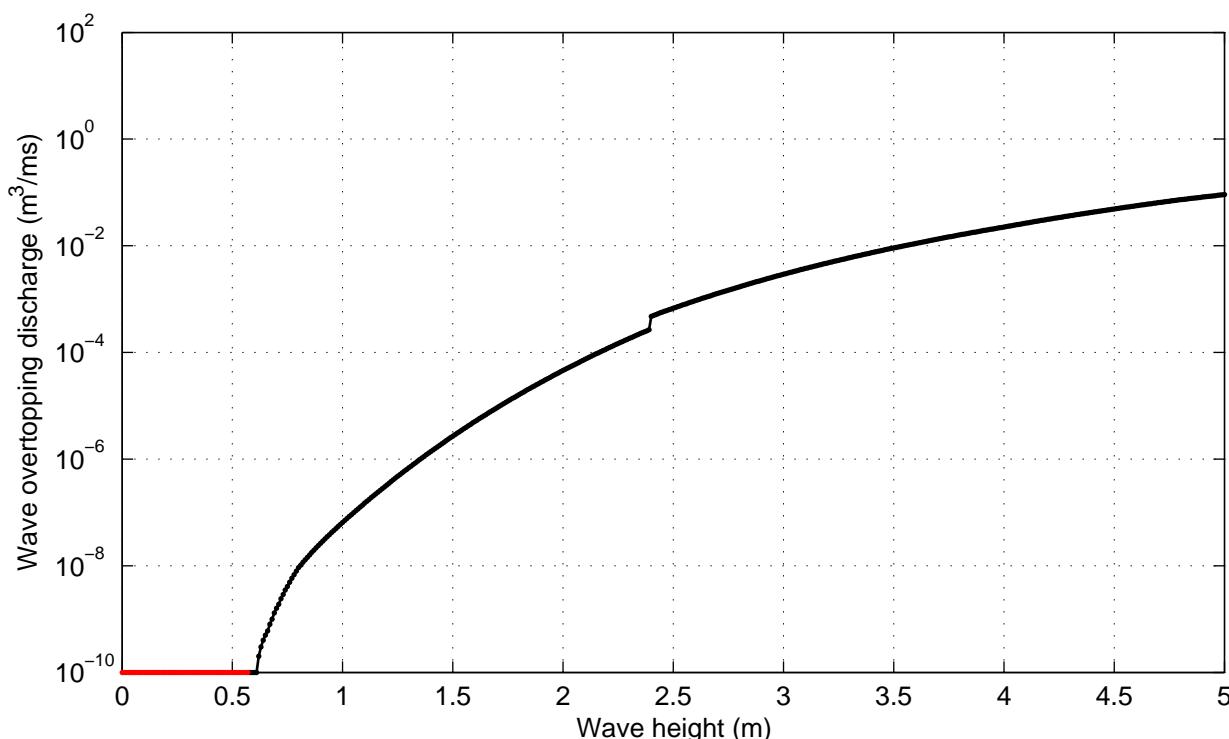
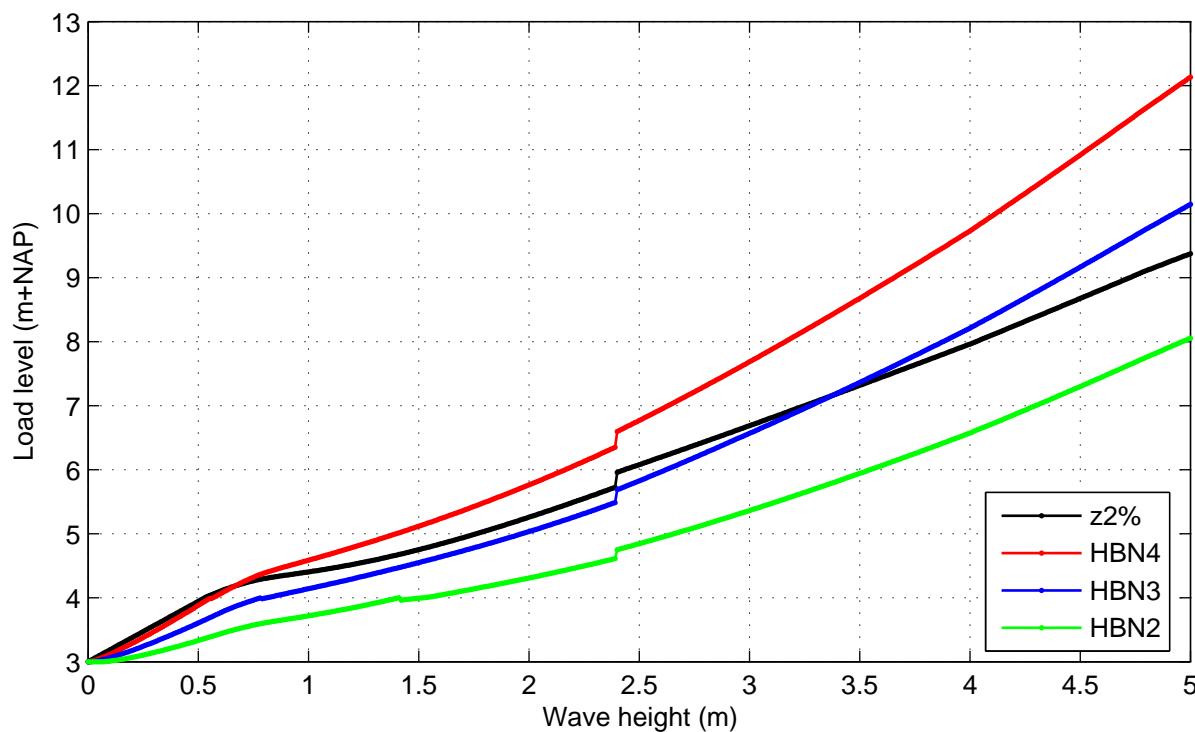
Cross section nr 7; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.3



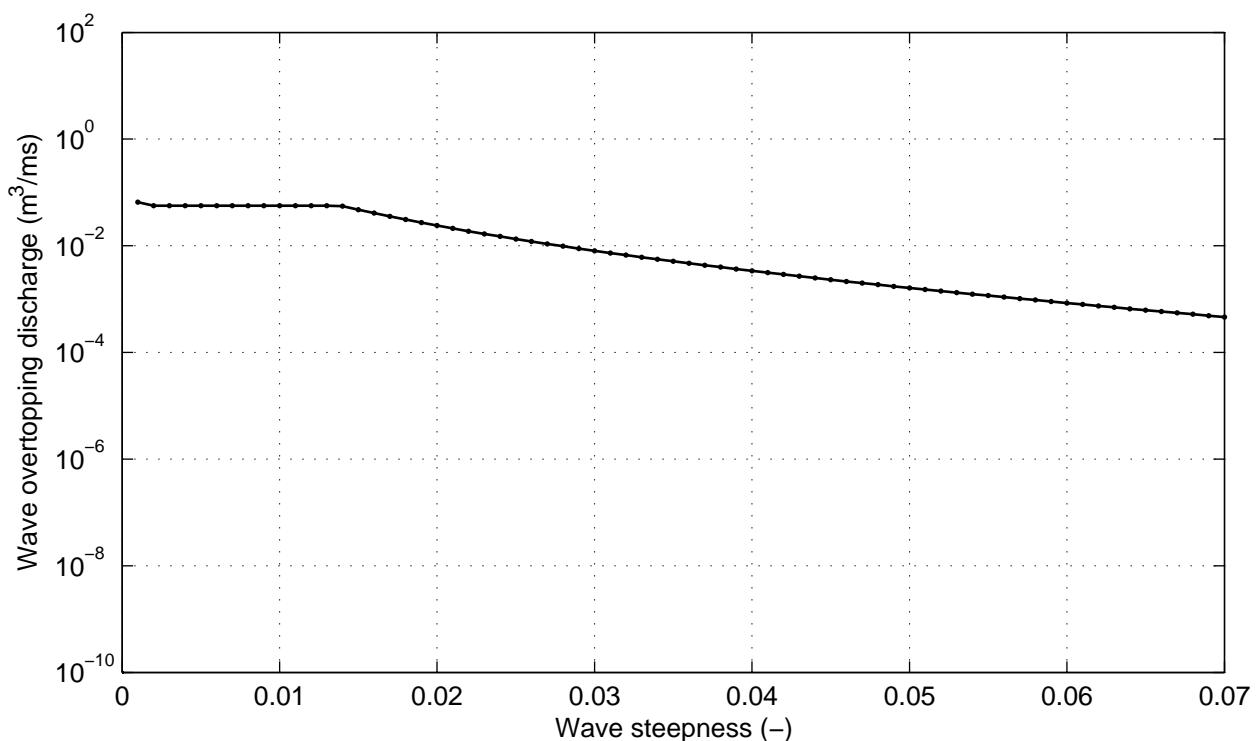
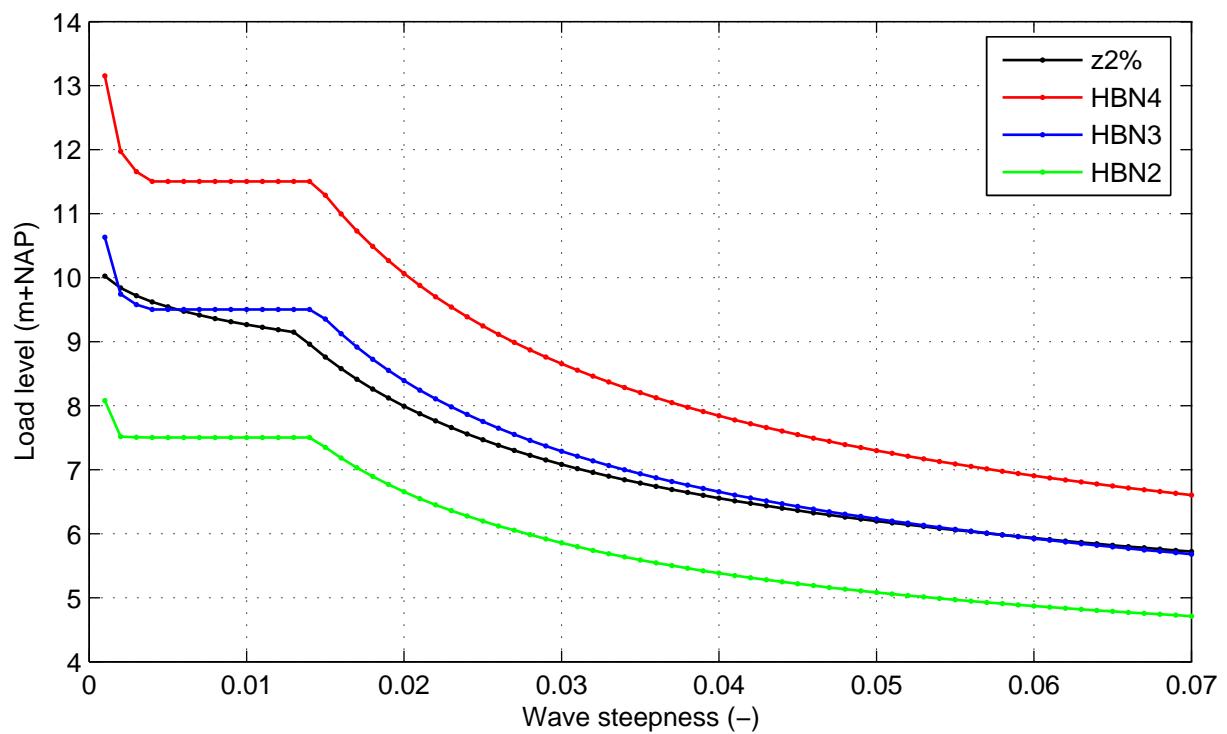
Cross section nr 7; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.4



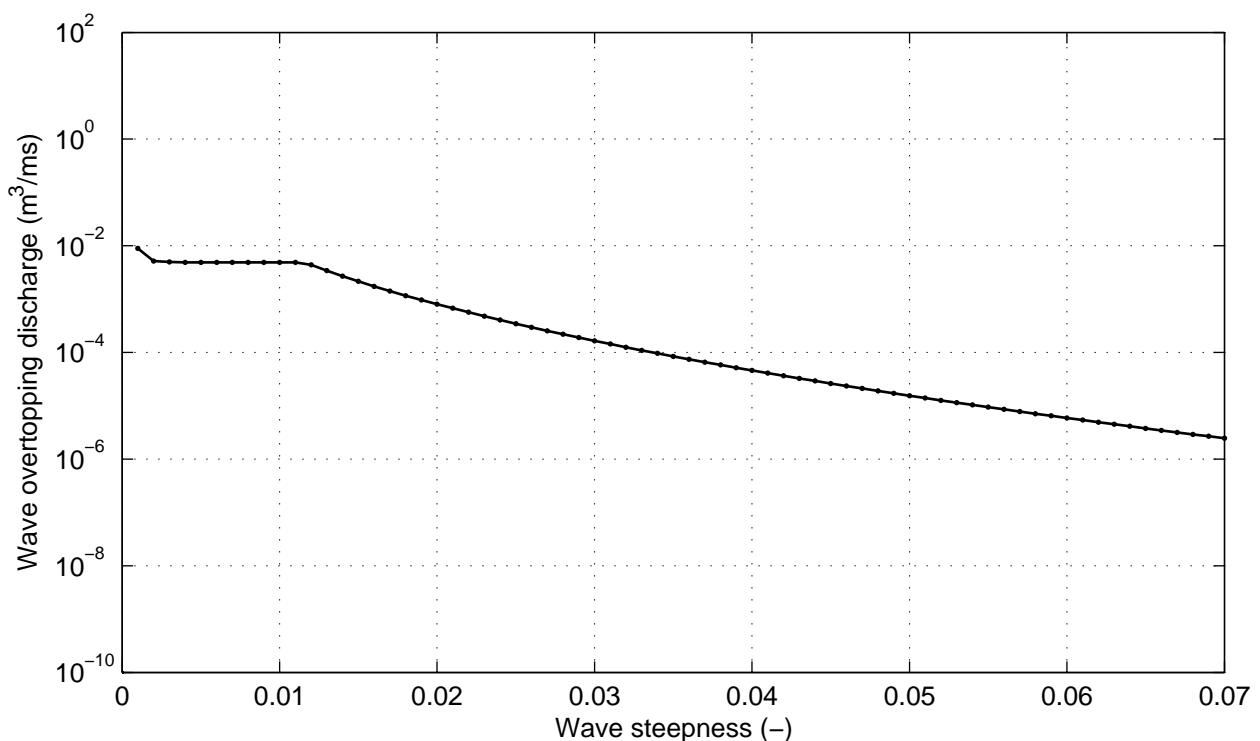
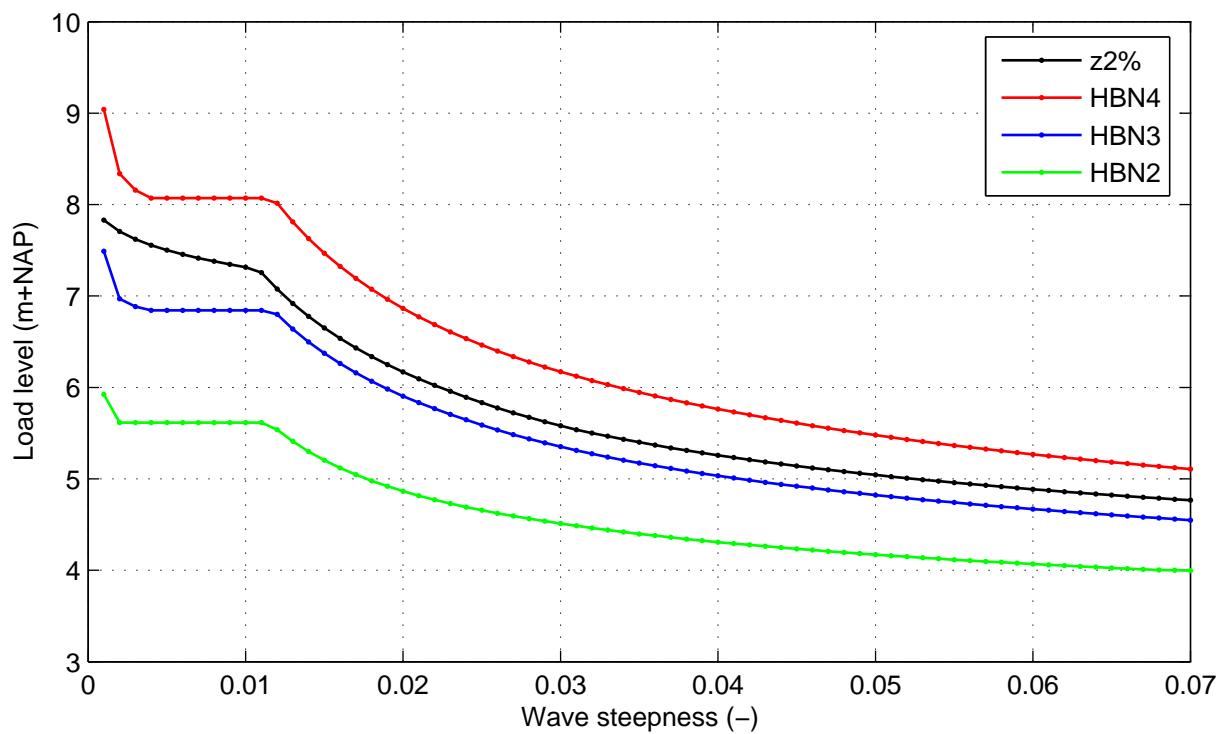
Cross section nr 7; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.5



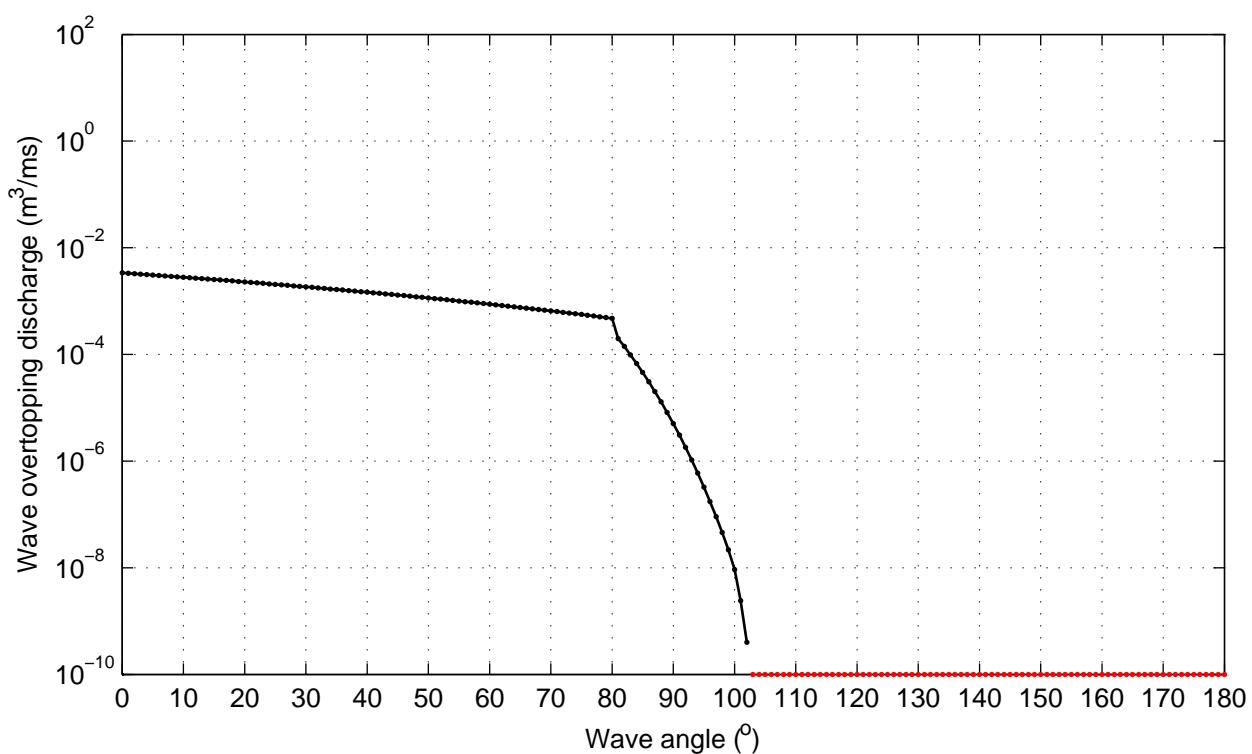
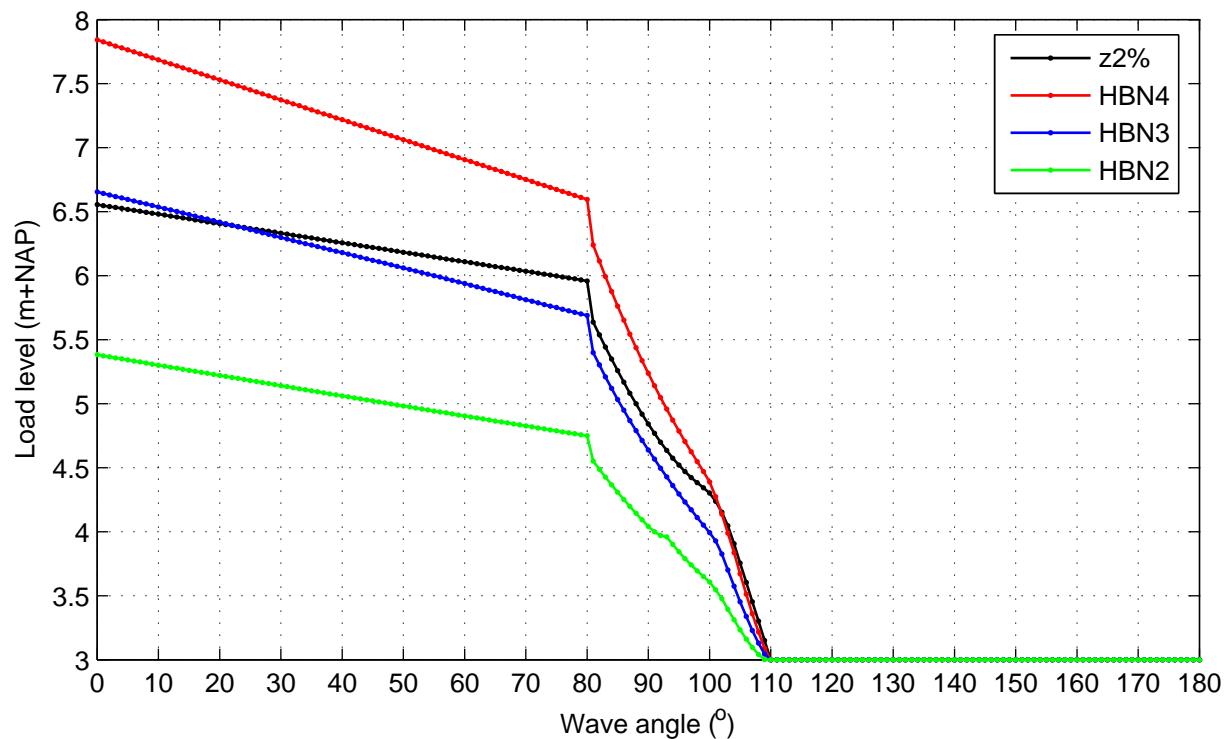
Cross section nr 7; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.6



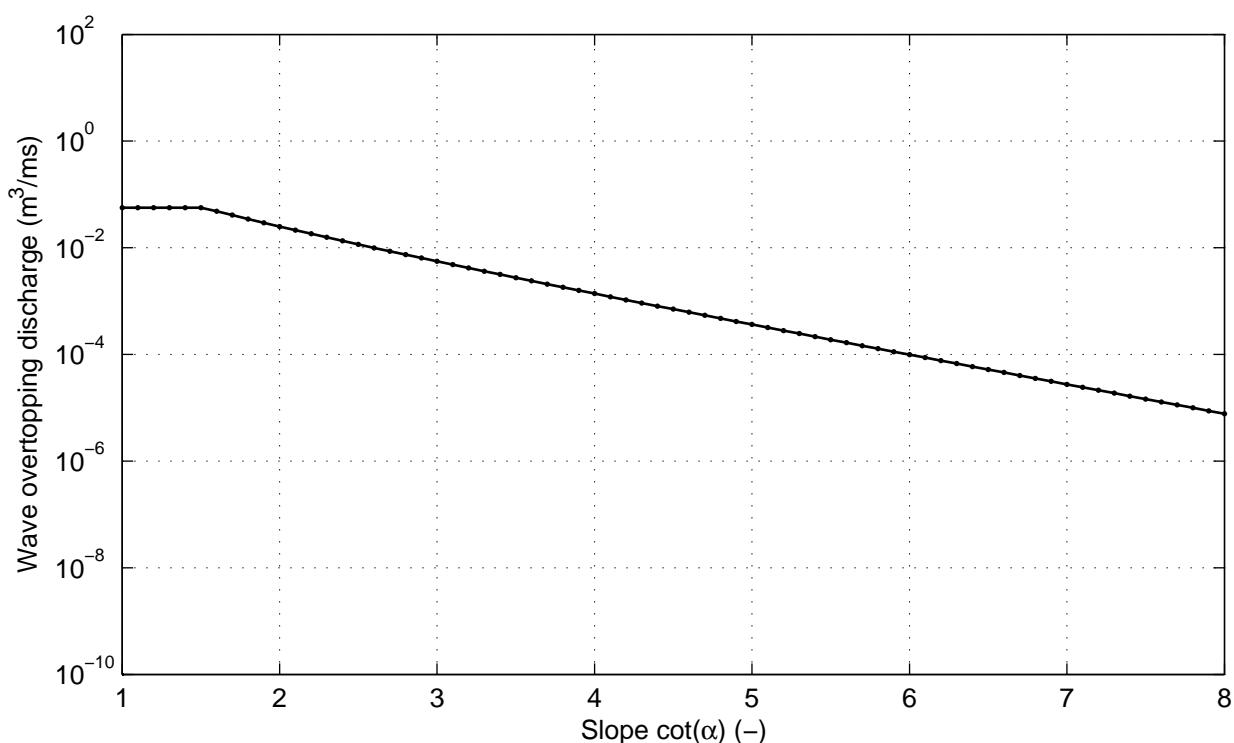
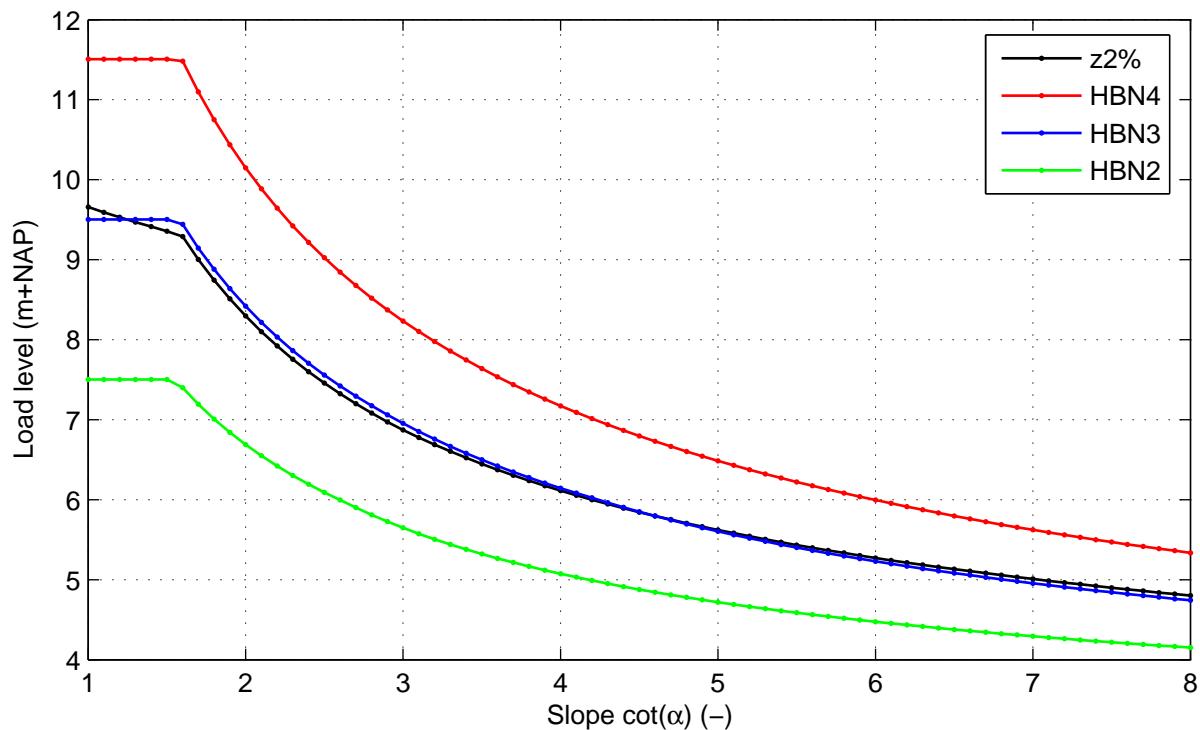
Cross section nr 7; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.7



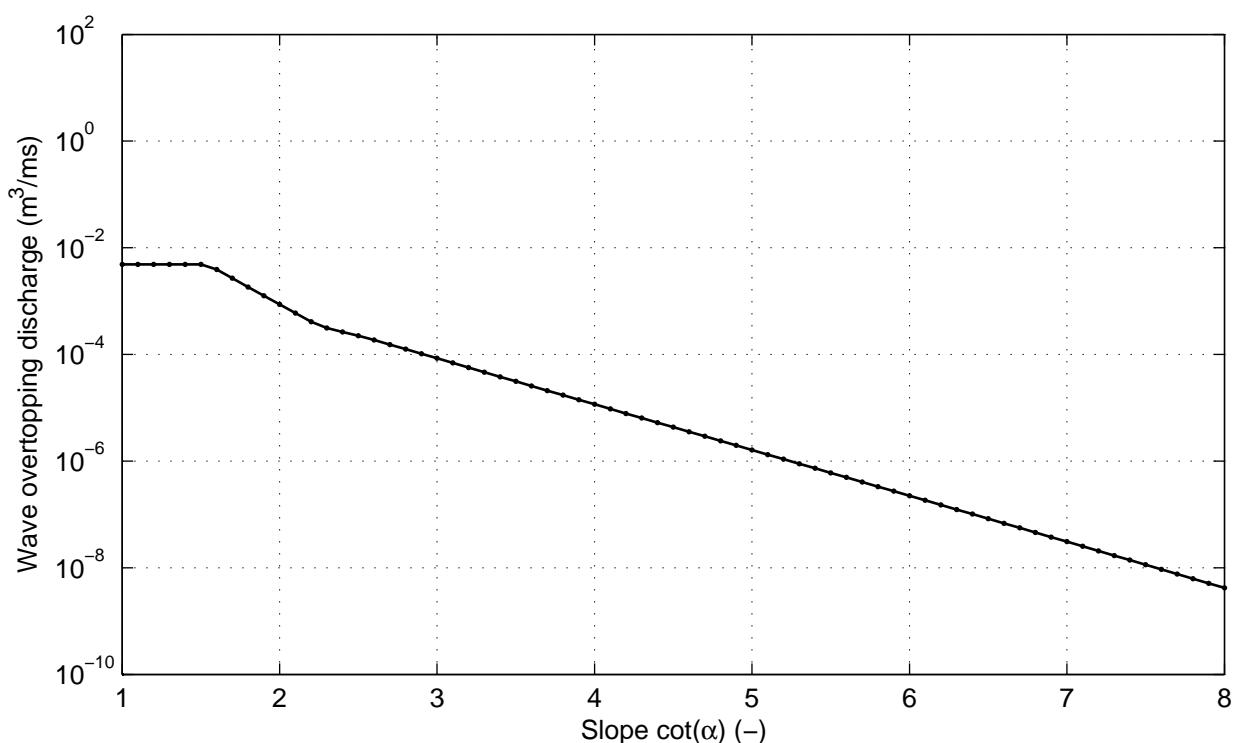
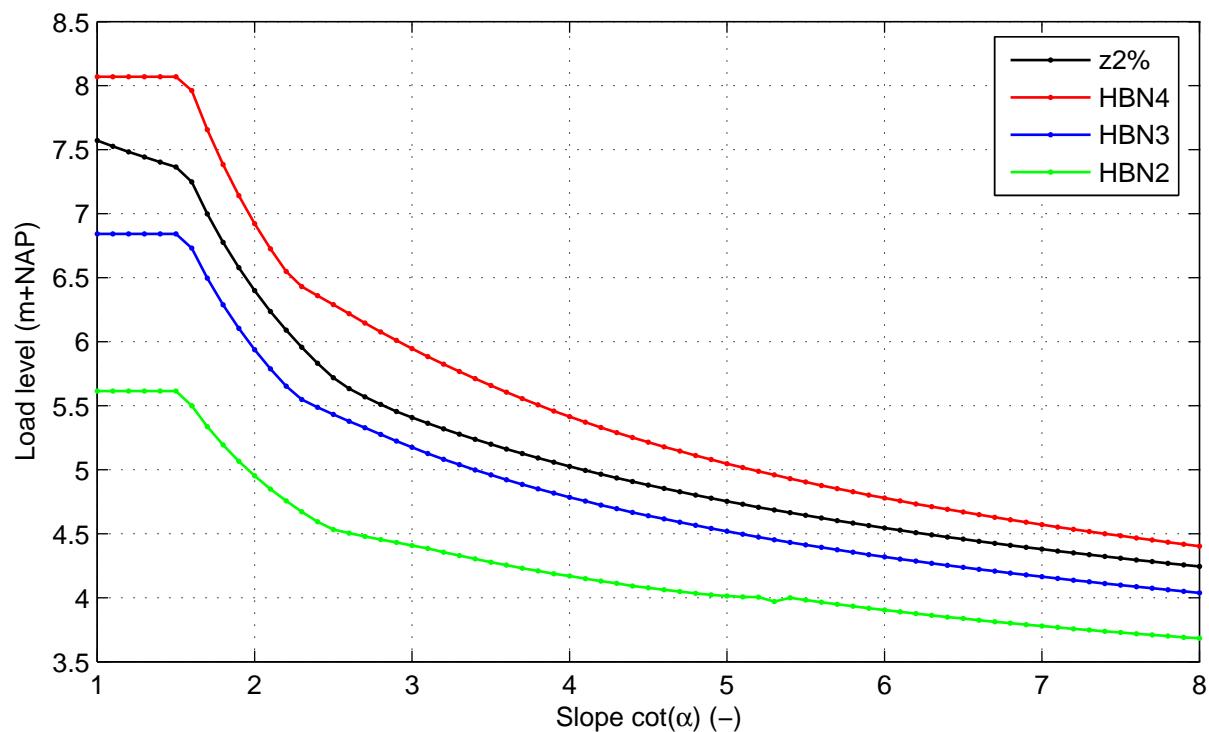
Cross section nr 7; series nr 8; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.8



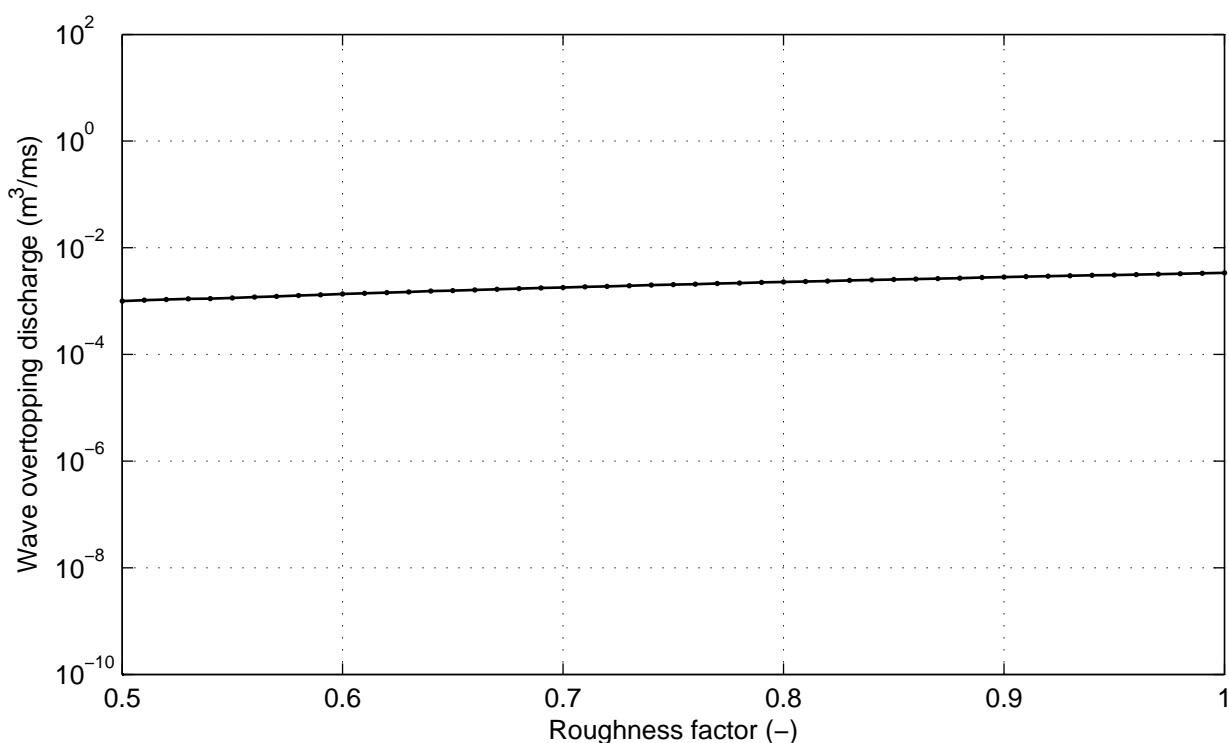
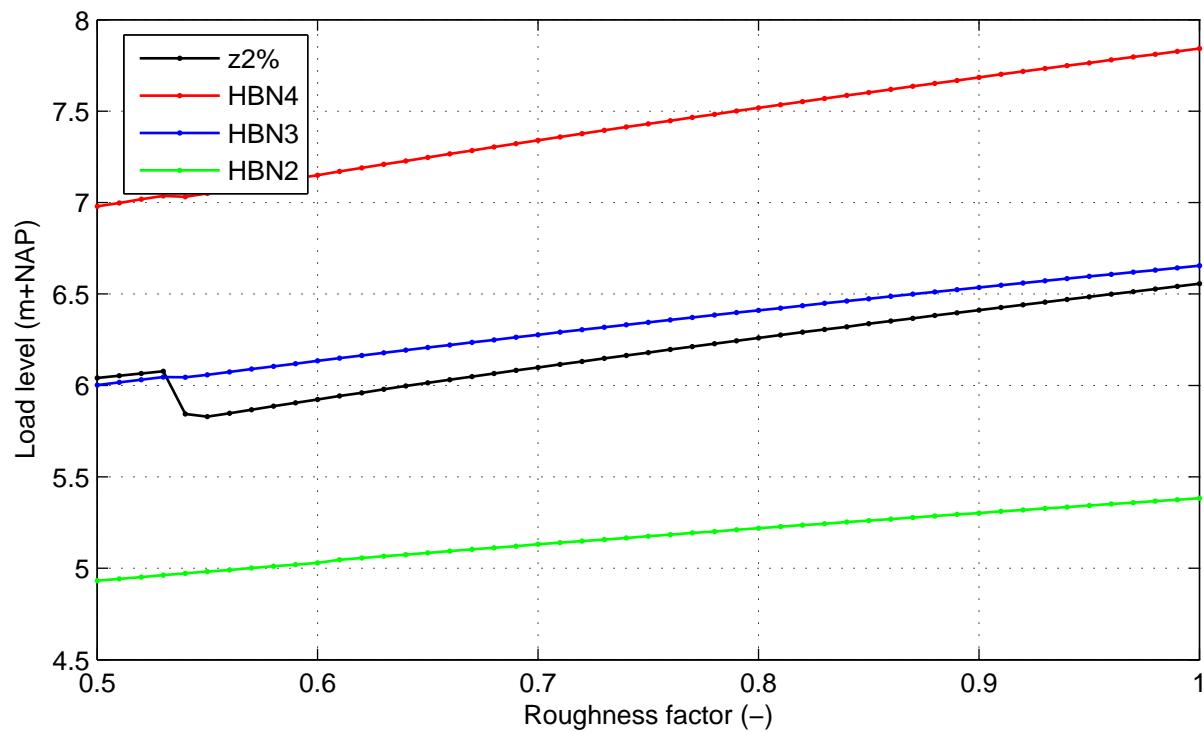
Cross section nr 7; series nr 9; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.9



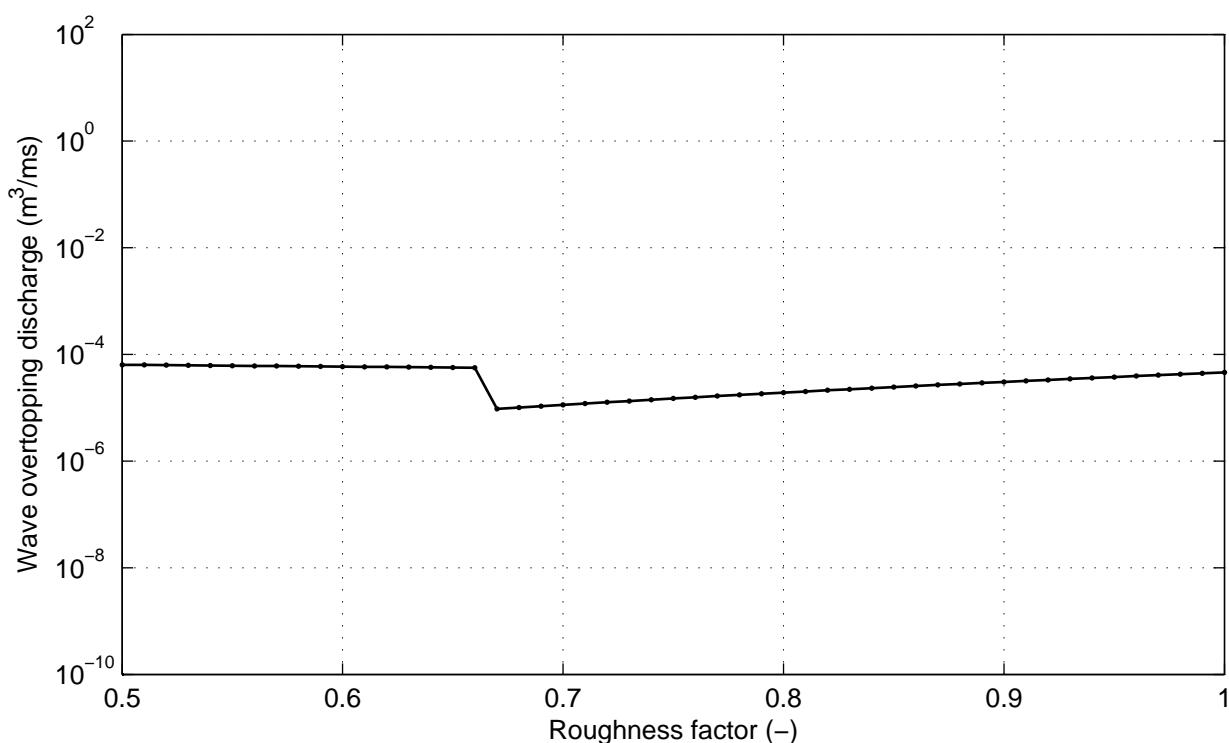
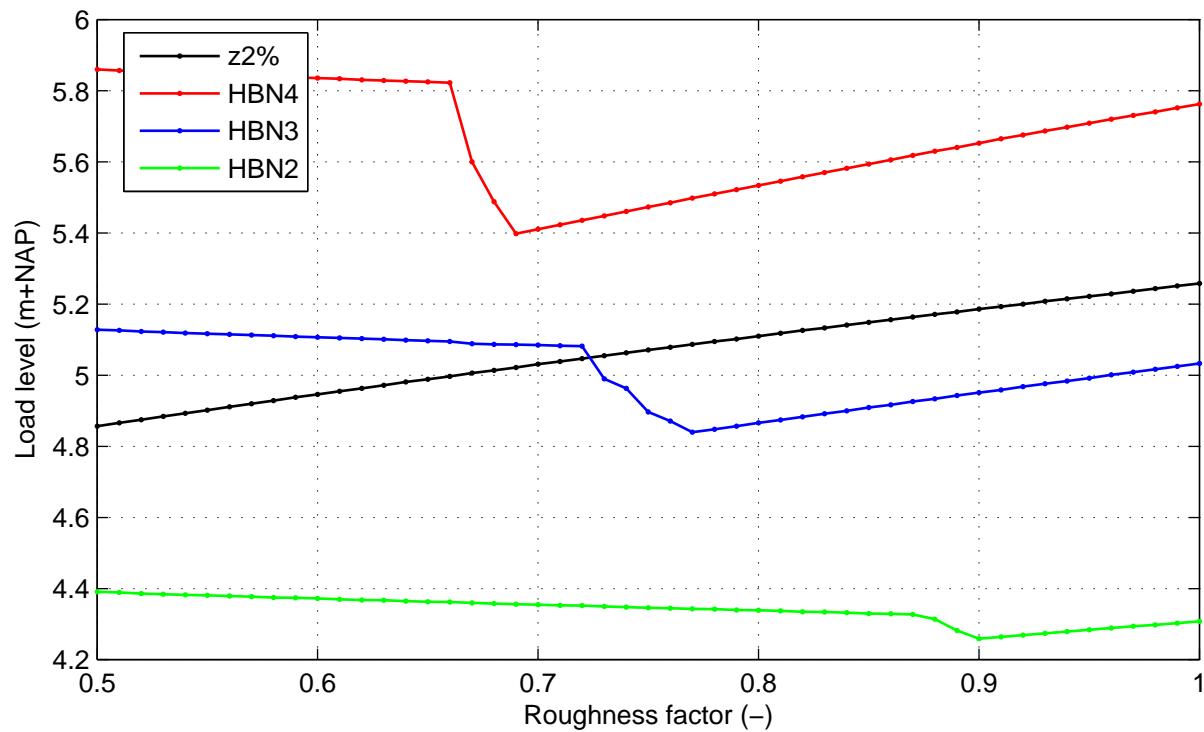
Cross section nr 7; series nr 10; Wave angle: 0 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.10



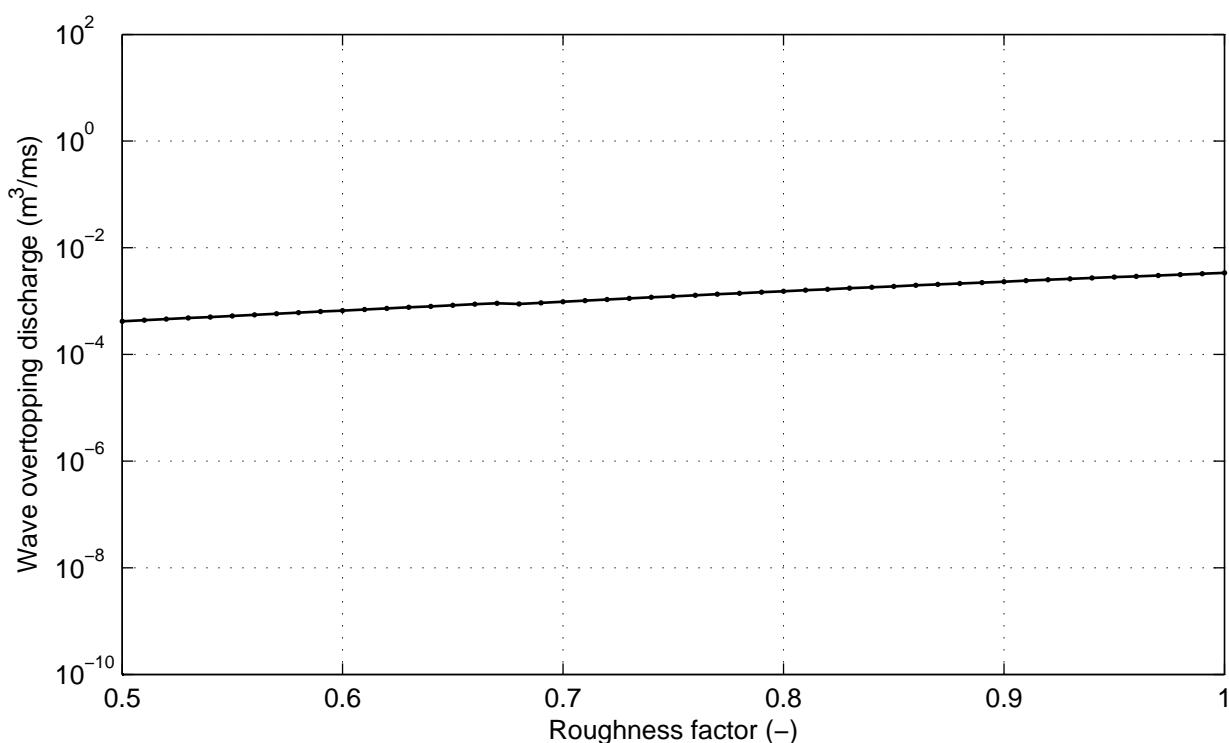
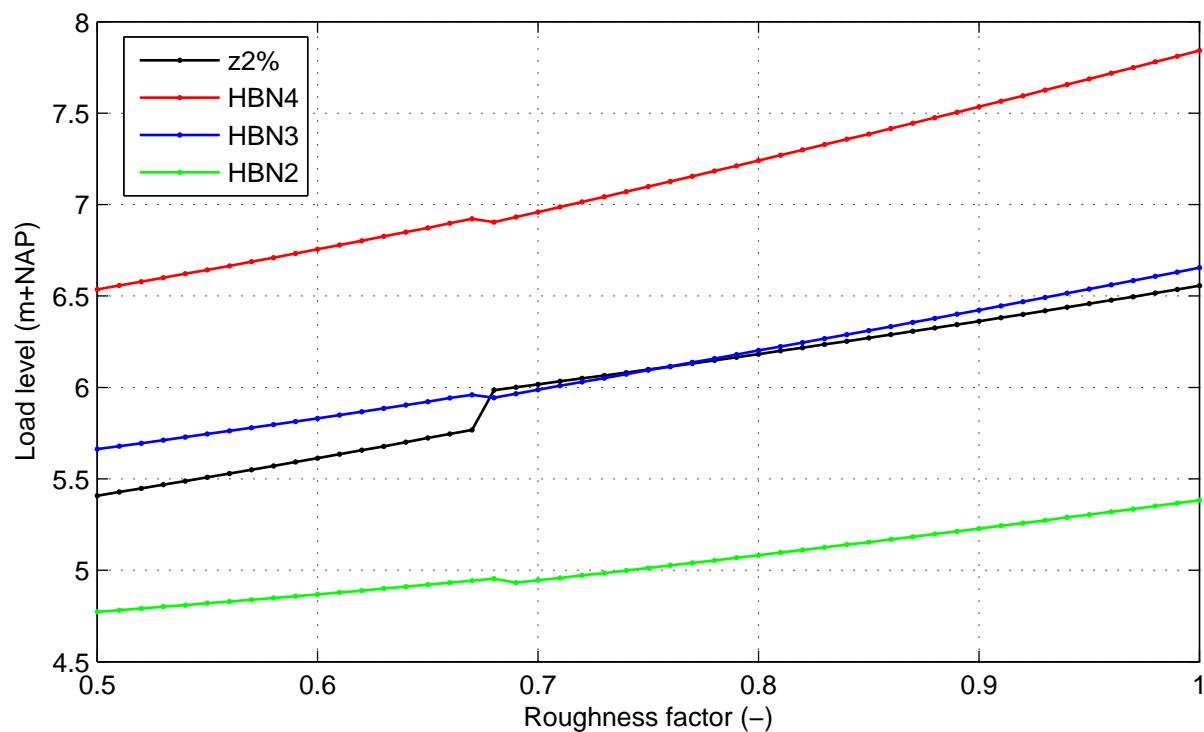
Cross section nr 7; series nr 11; Wave angle: 85 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.11



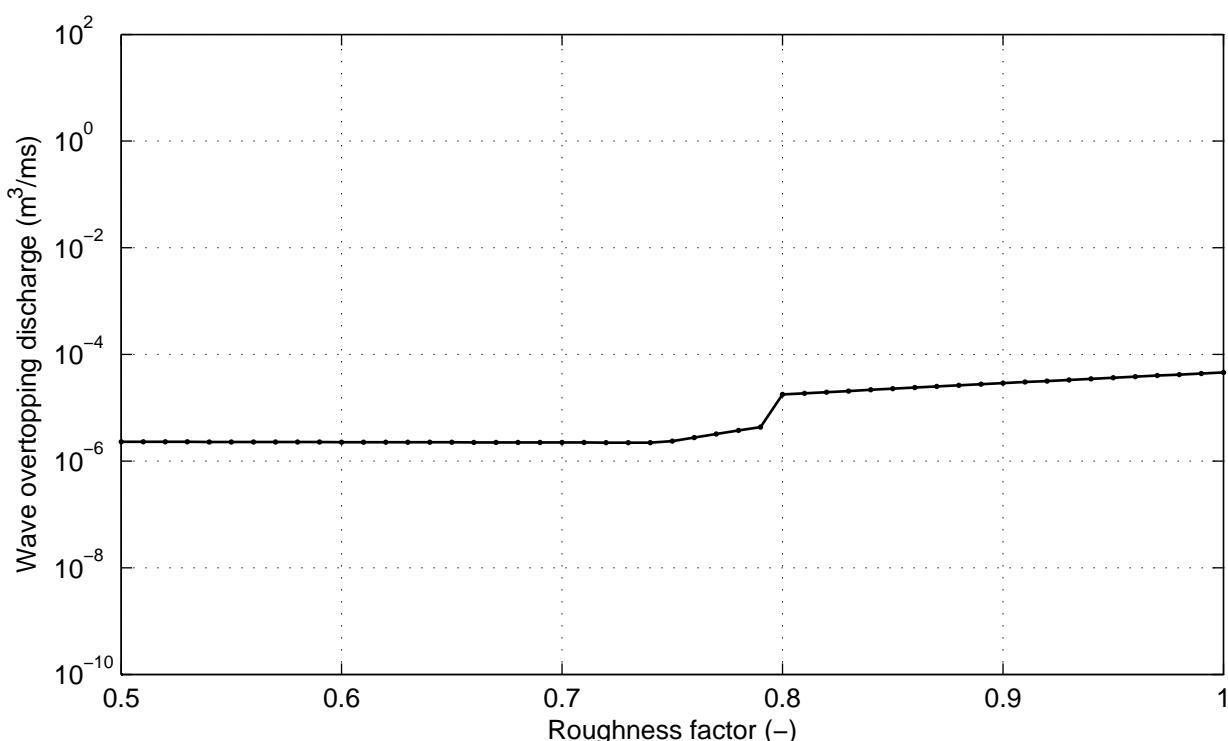
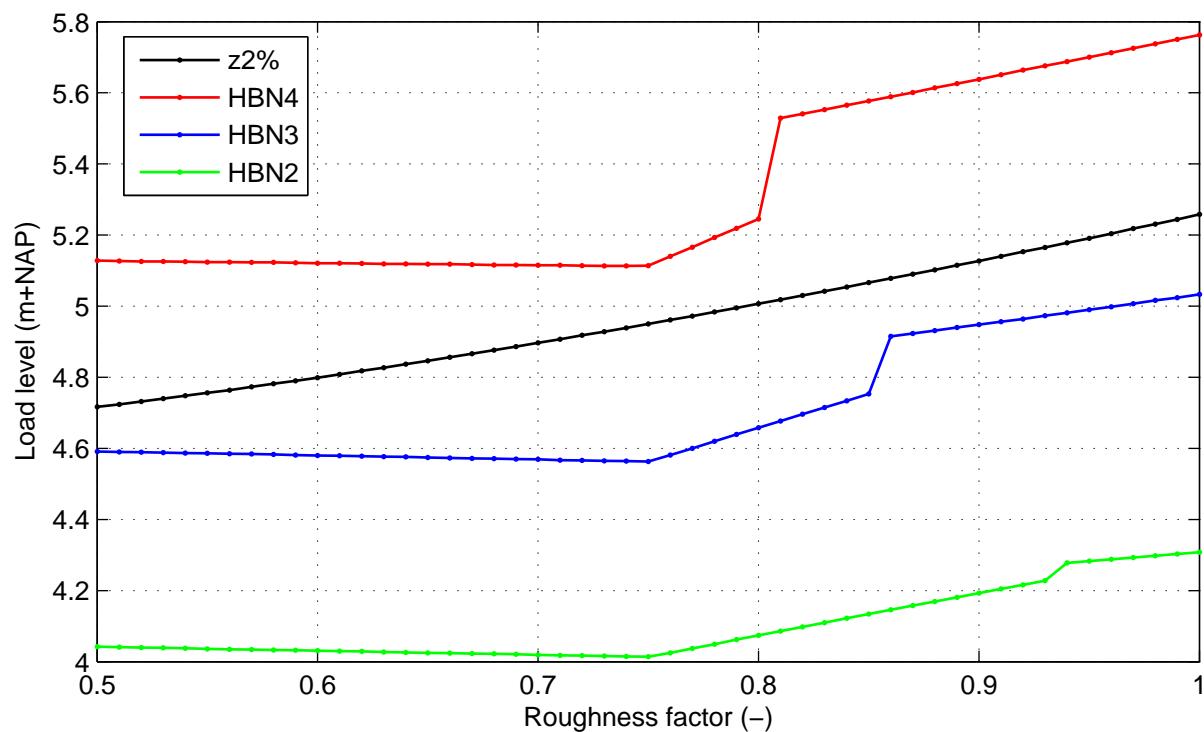
Cross section nr 7; series nr 12; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.12



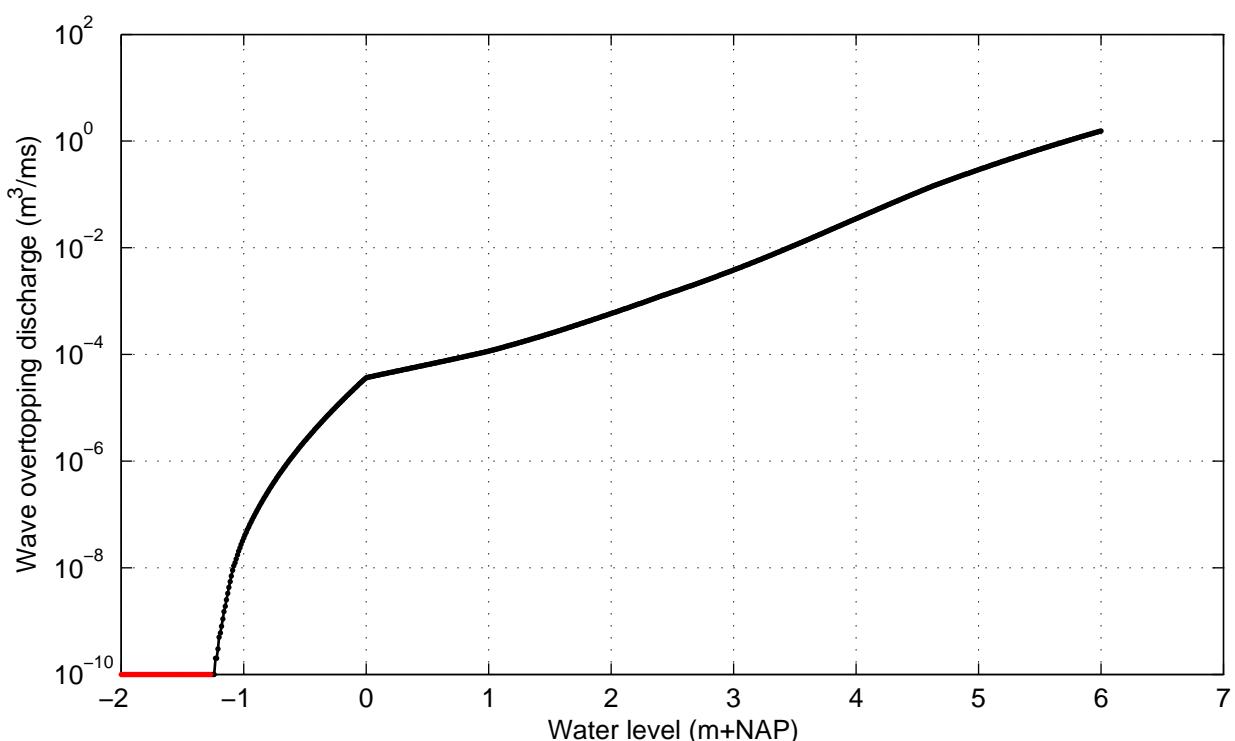
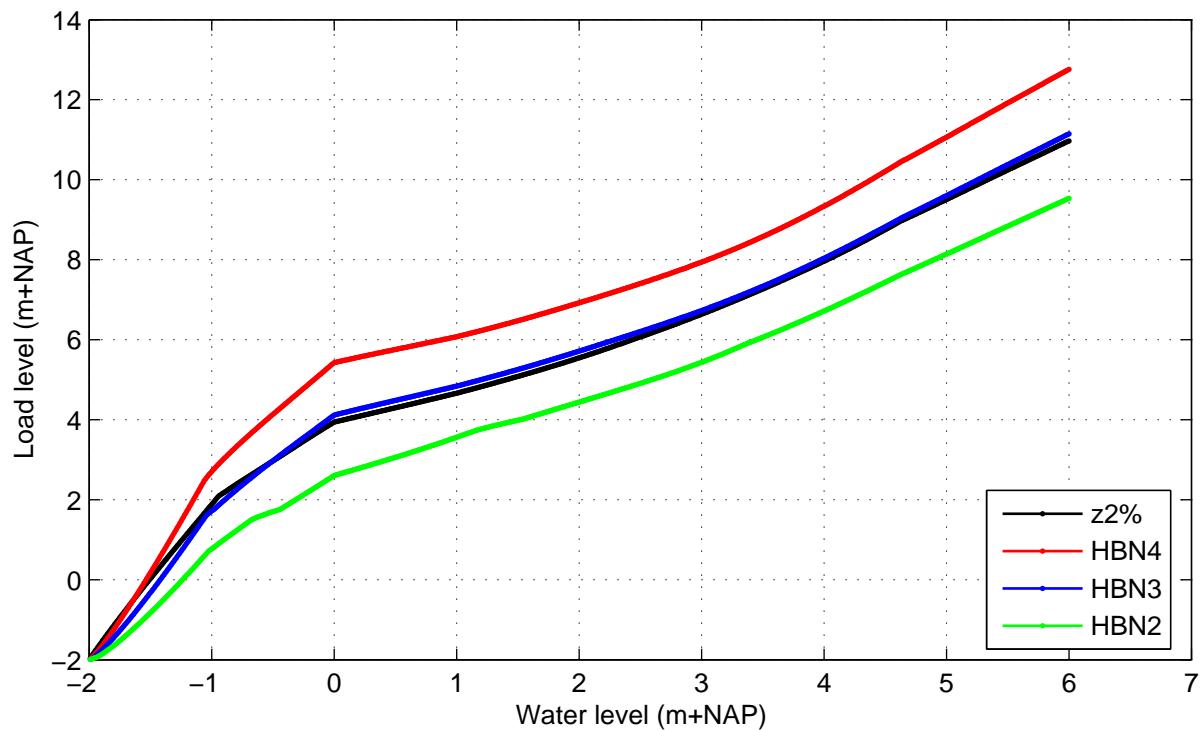
Cross section nr 7; series nr 13; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 7.13



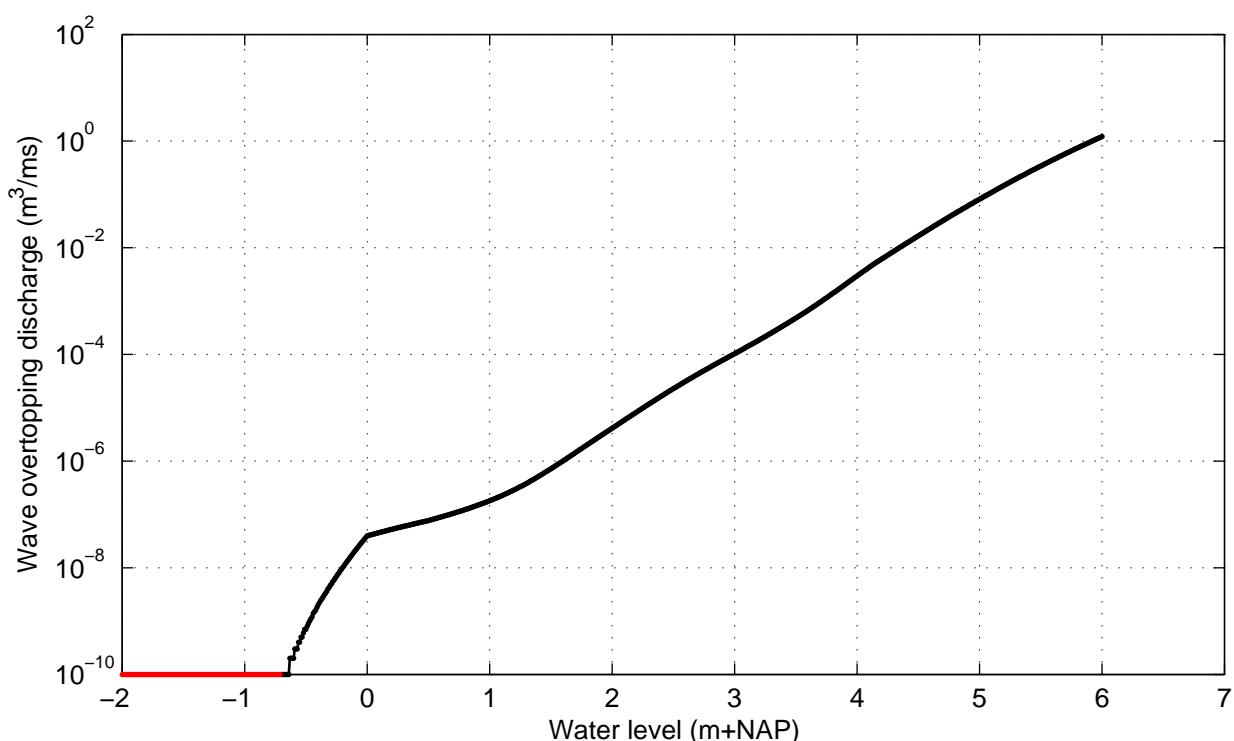
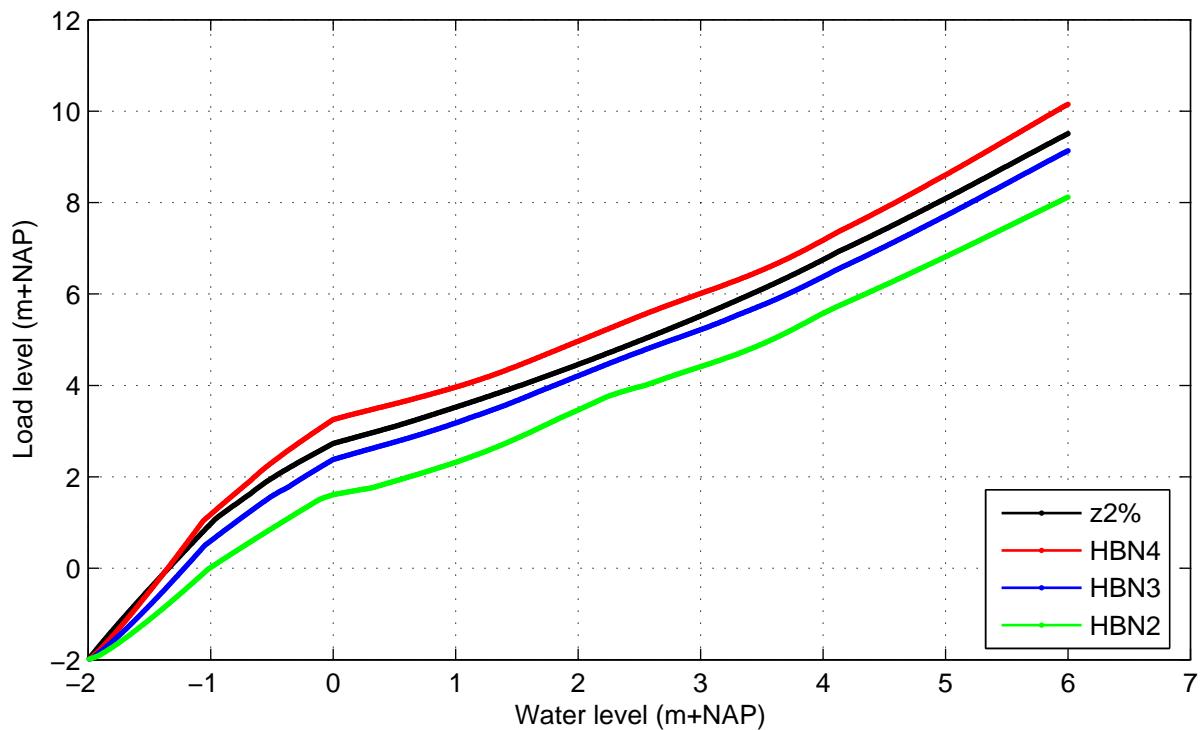
Cross section nr 8; series nr 1; Wave angle: 0 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.1



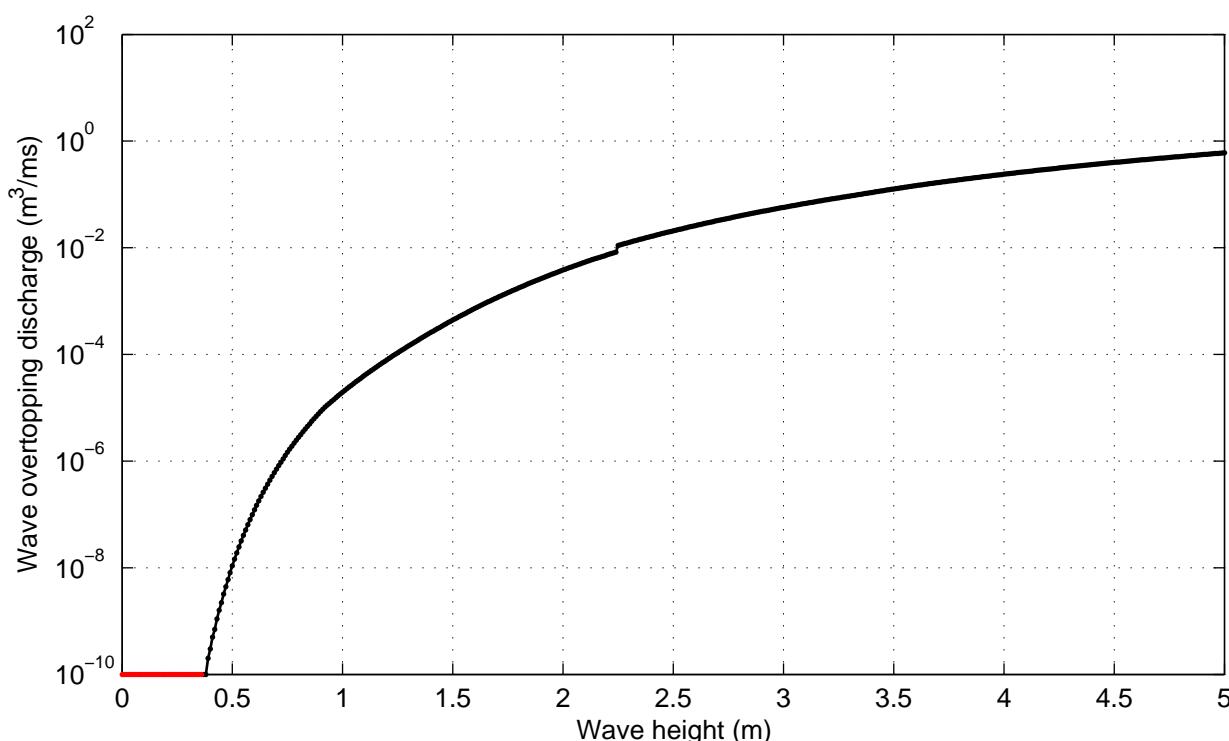
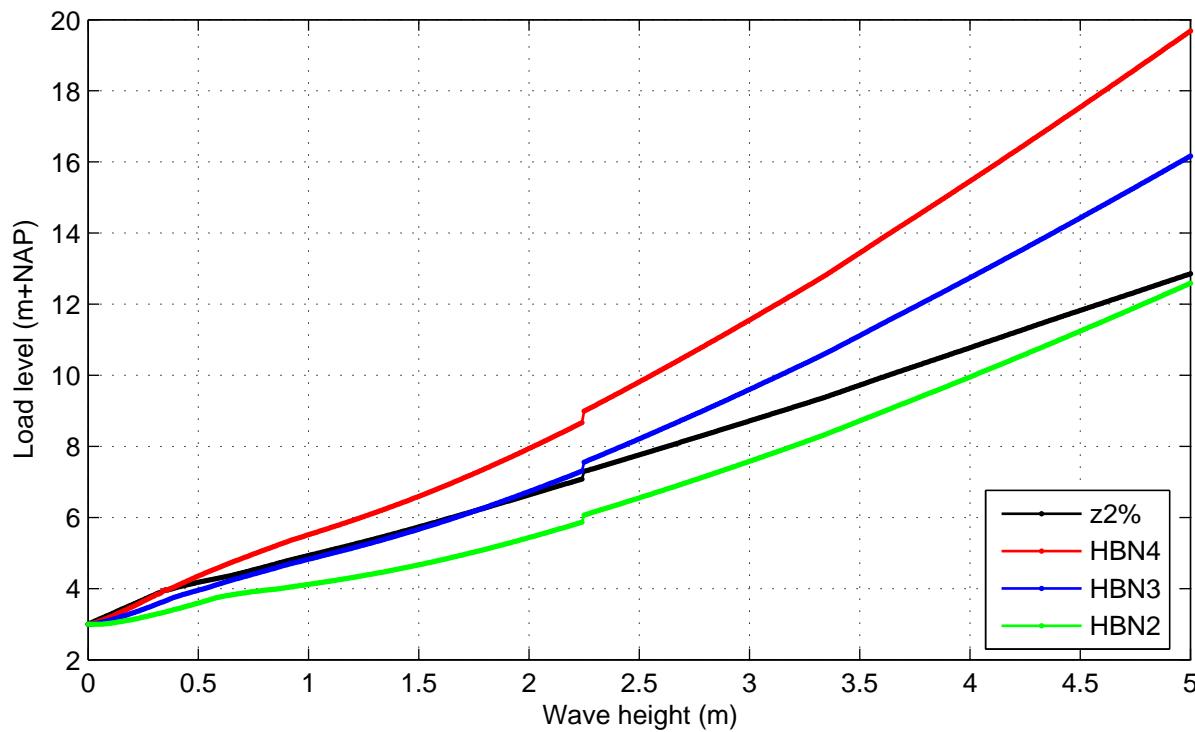
Cross section nr 8; series nr 2; Wave angle: 85 °
Varying water level

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.2



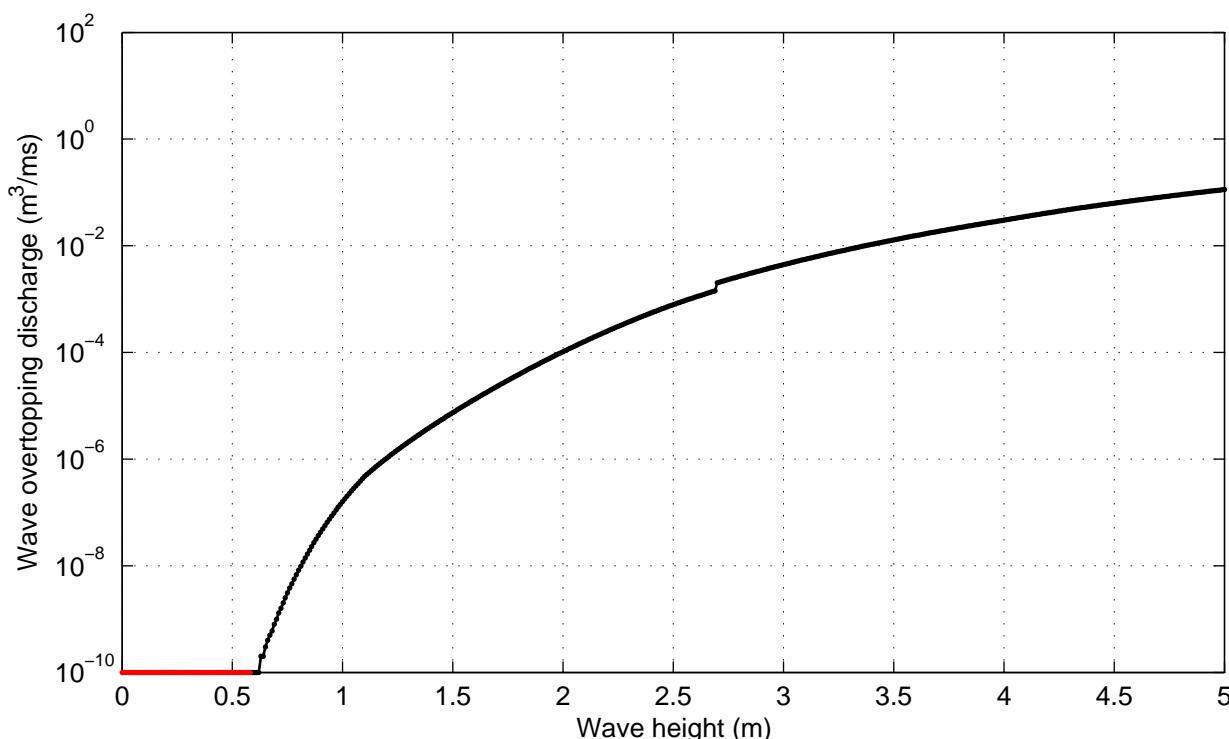
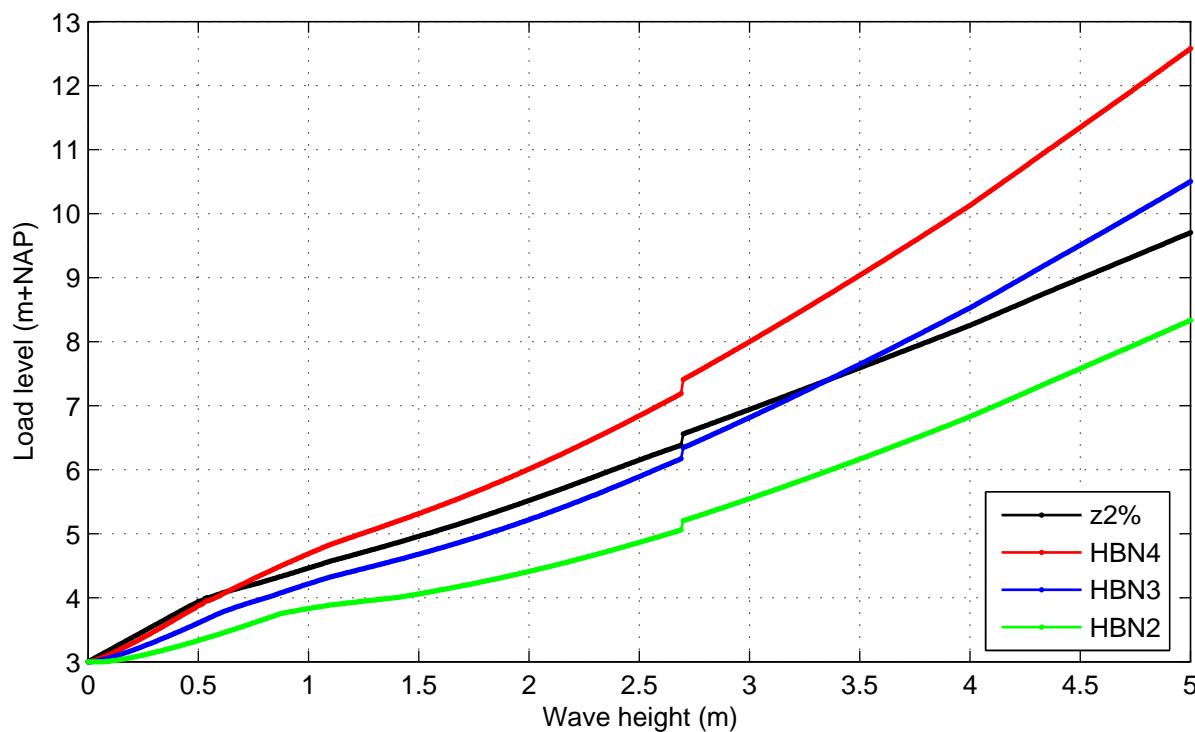
Cross section nr 8; series nr 3; Wave angle: 0 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.3



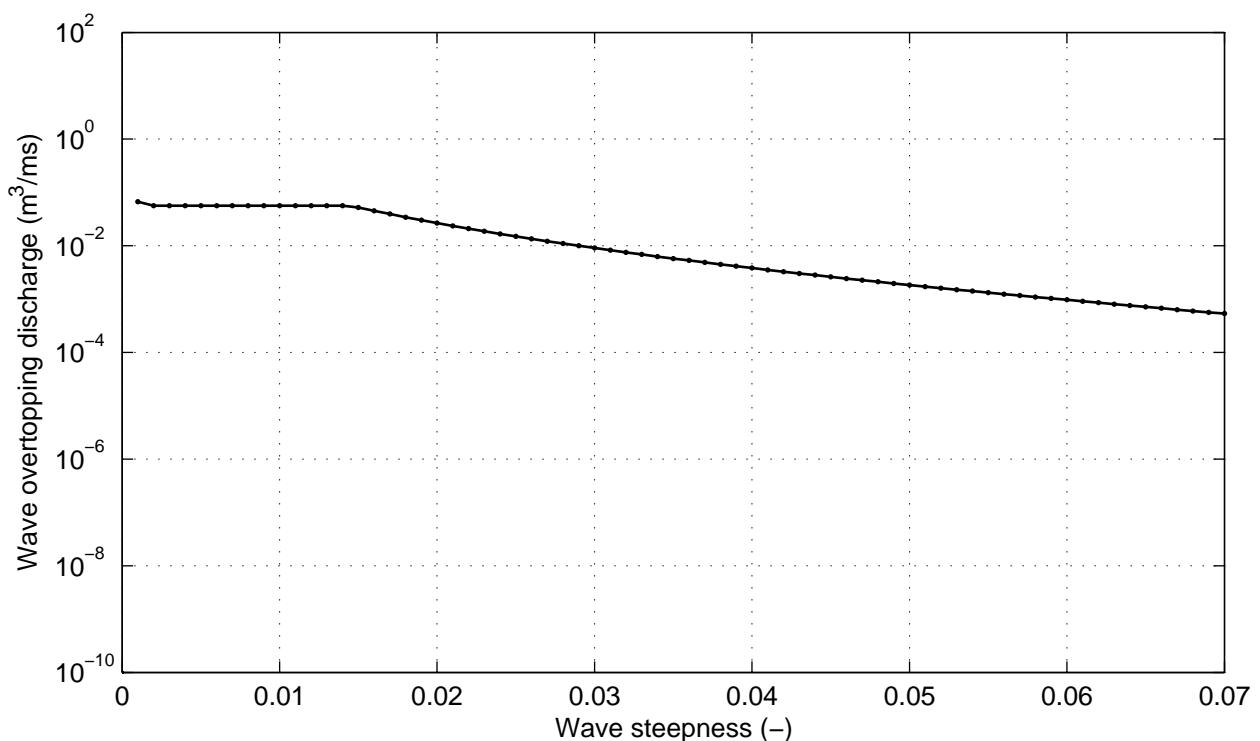
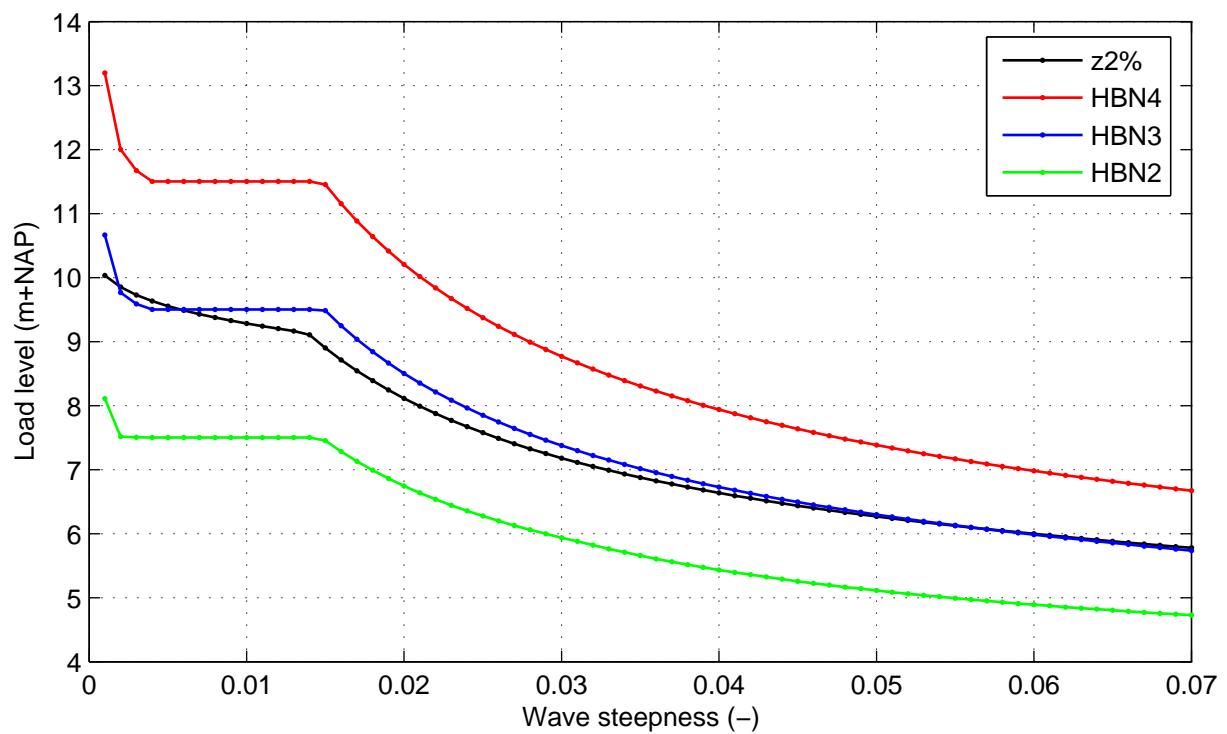
Cross section nr 8; series nr 4; Wave angle: 85 °
Varying wave height

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.4



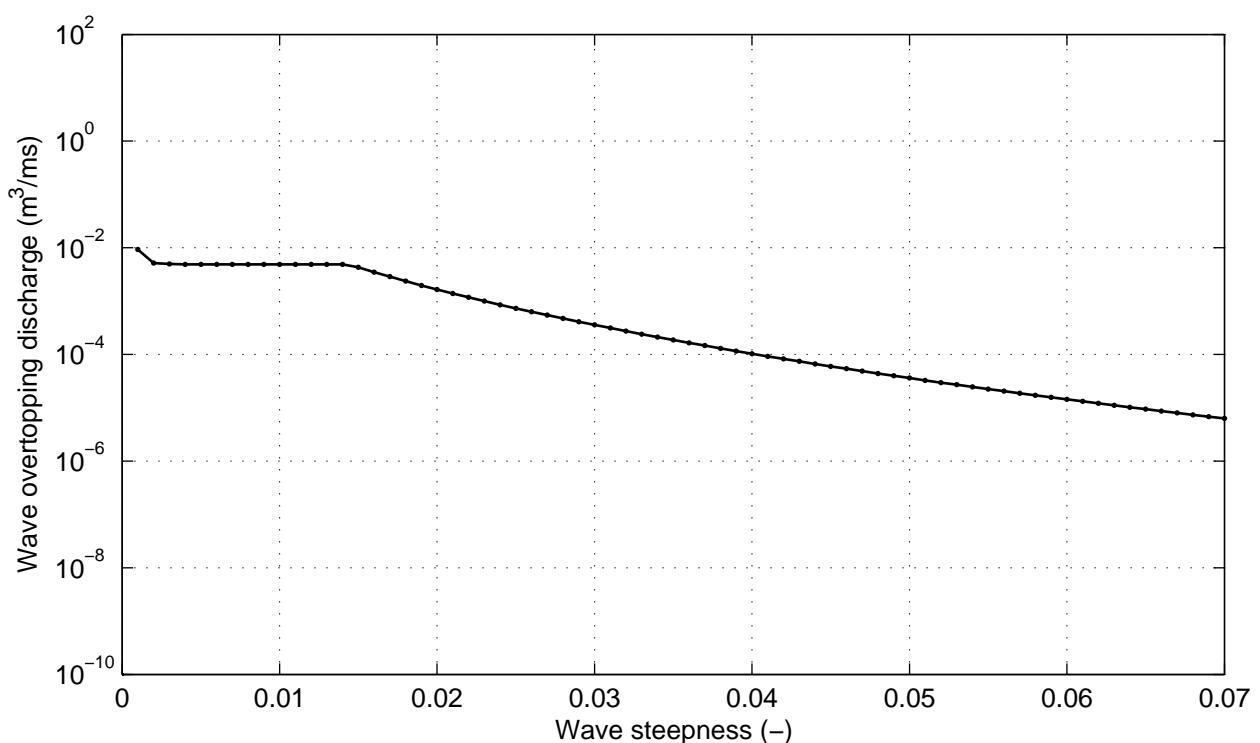
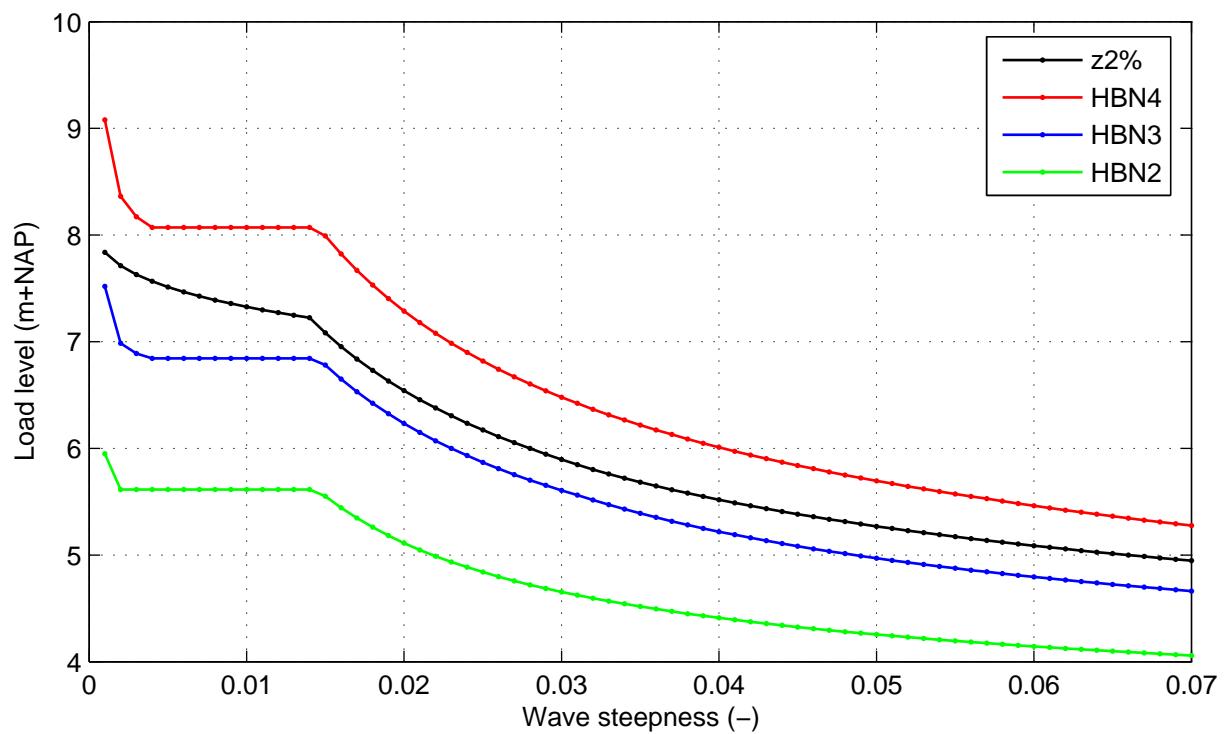
Cross section nr 8; series nr 5; Wave angle: 0 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.5



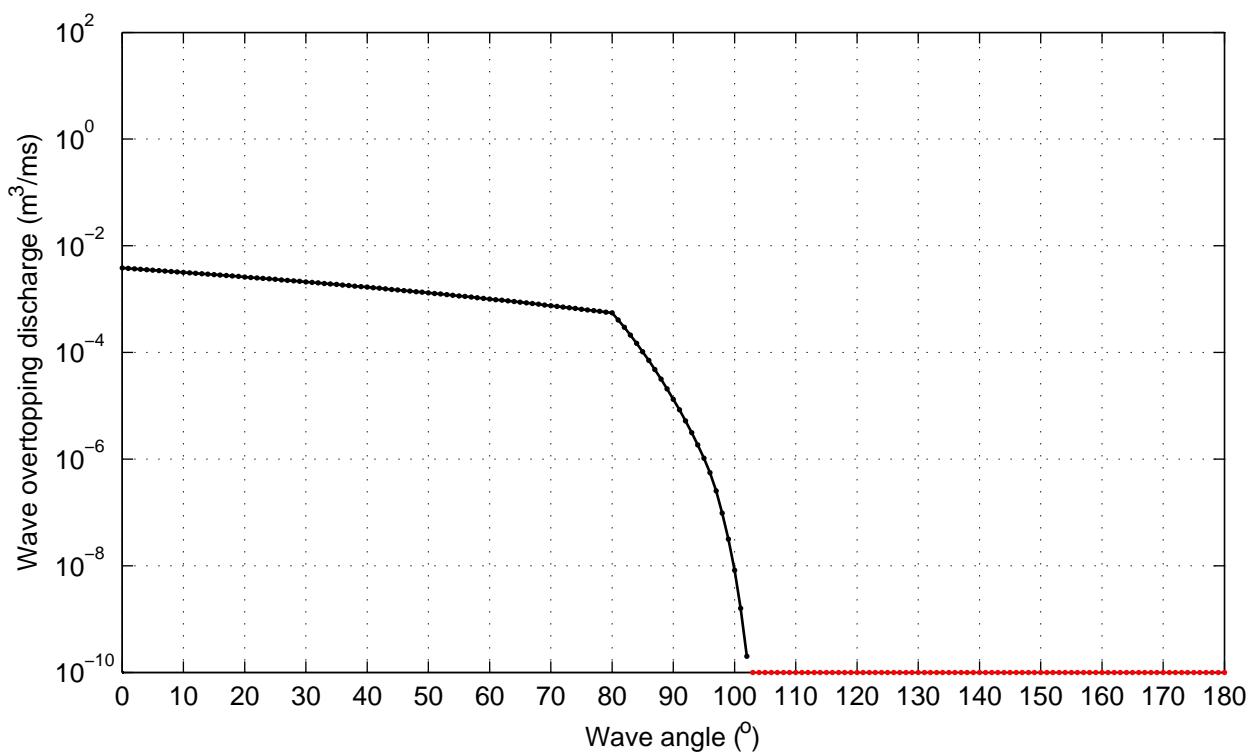
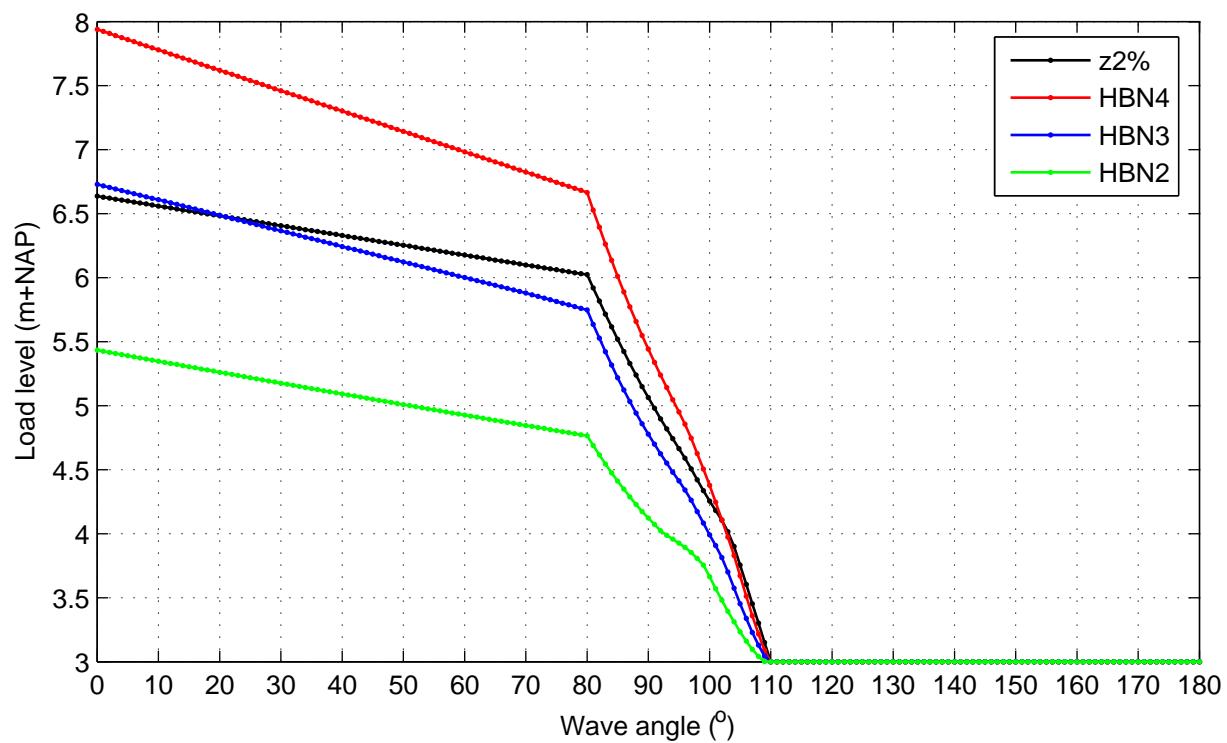
Cross section nr 8; series nr 6; Wave angle: 85 °
Varying wave steepness

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.6



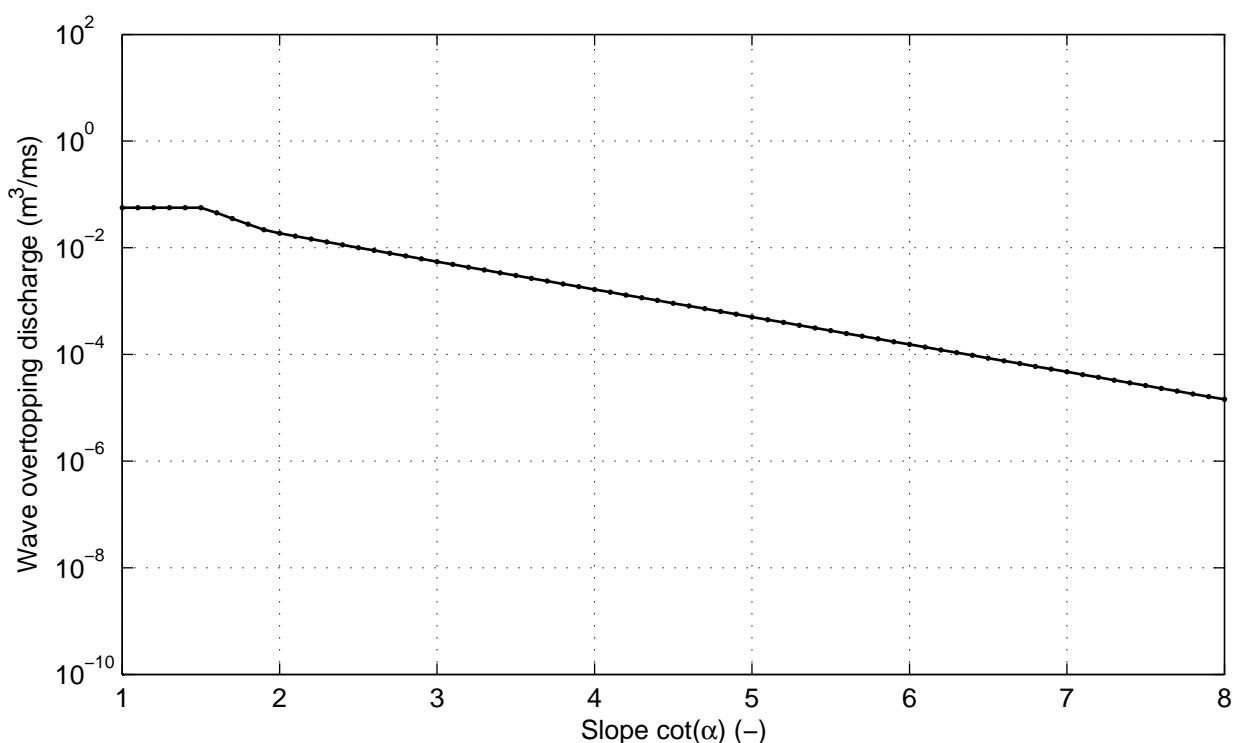
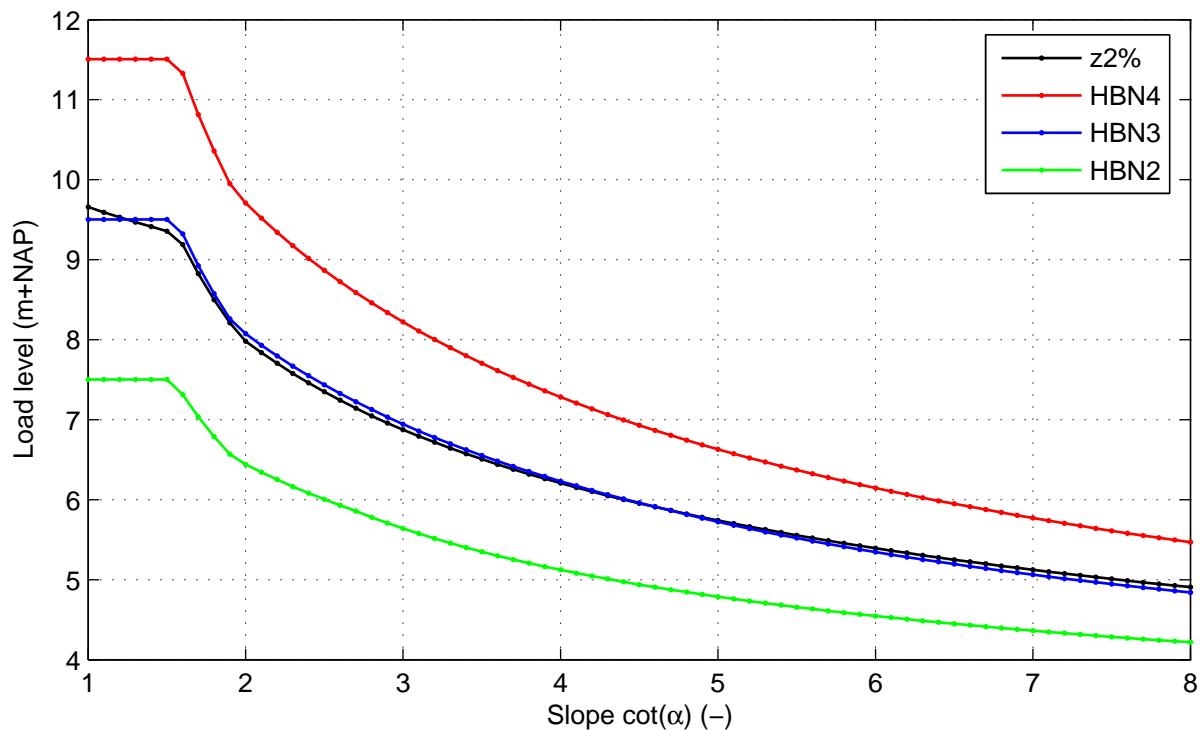
Cross section nr 8; series nr 7;
Varying wave angle

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.7



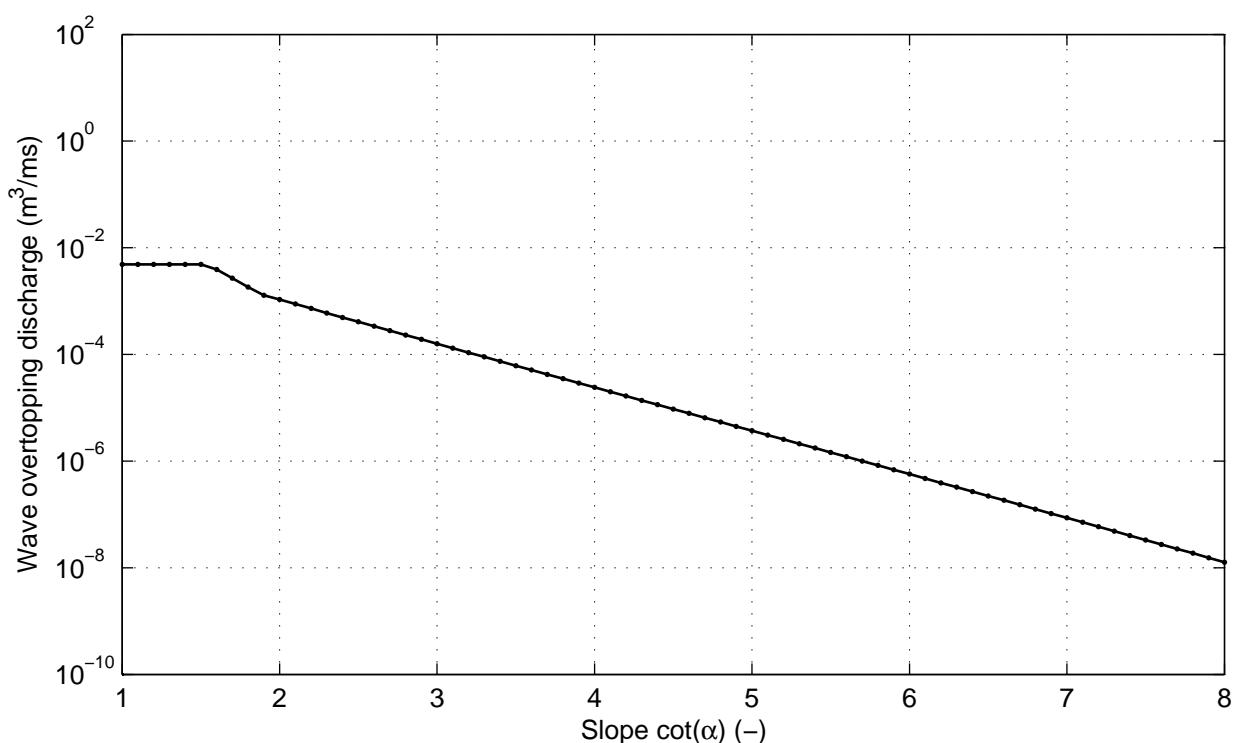
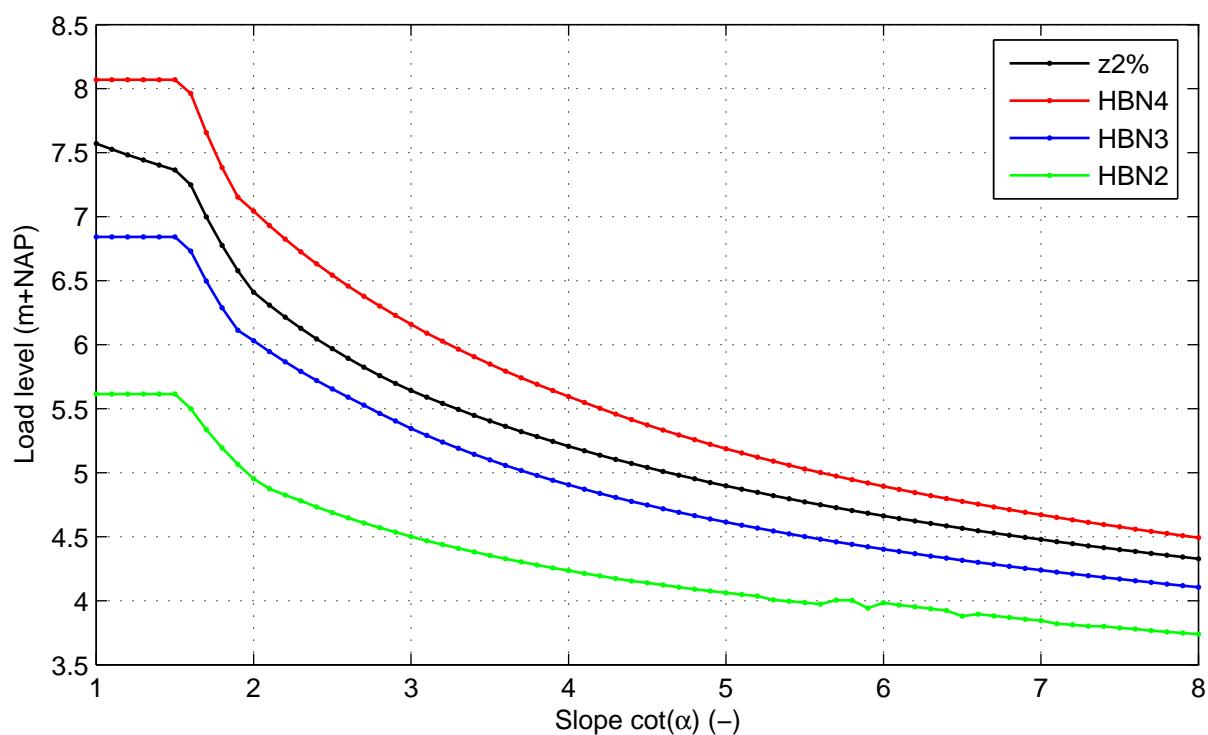
Cross section nr 8; series nr 8; Wave angle: 0 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.8



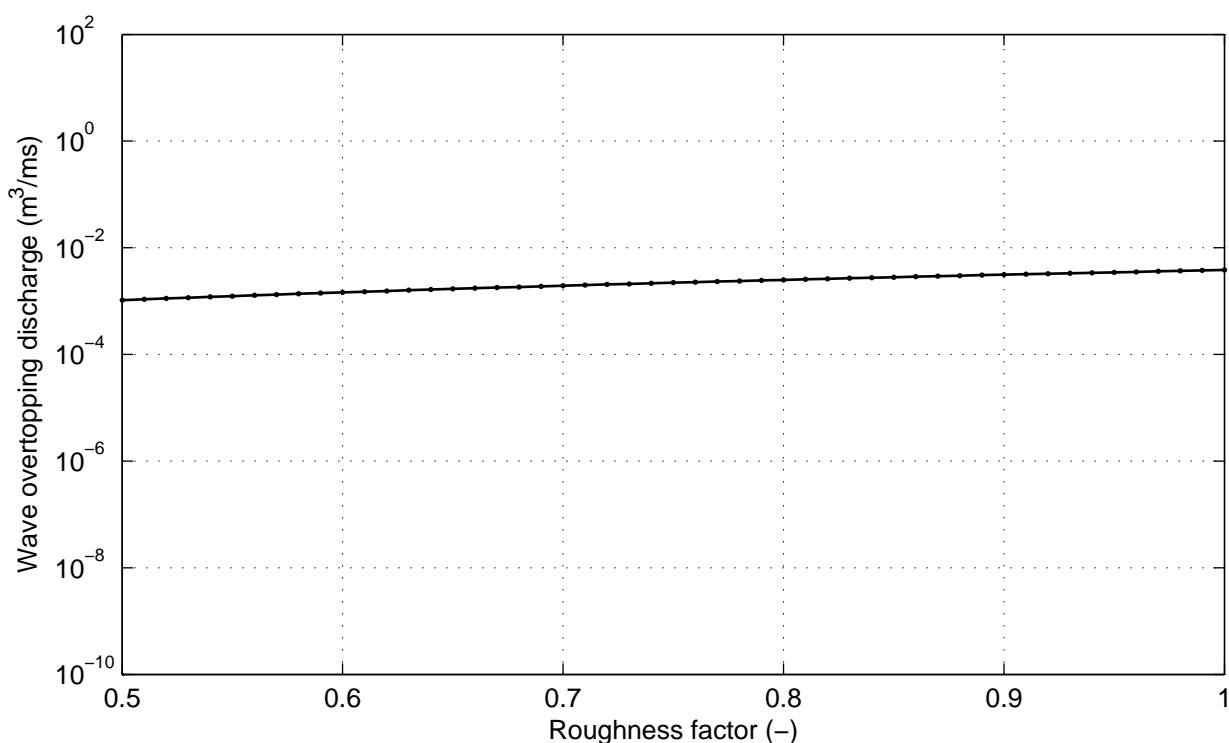
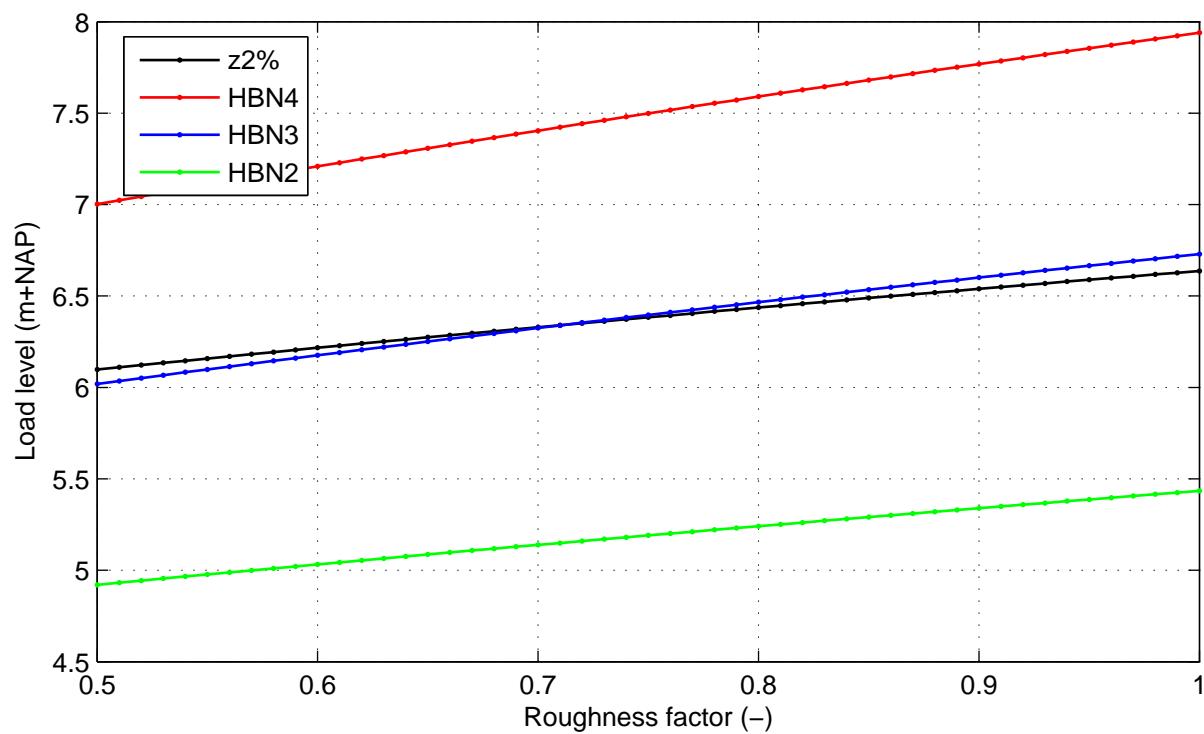
Cross section nr 8; series nr 9; Wave angle: 85 °
Varying slope of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.9



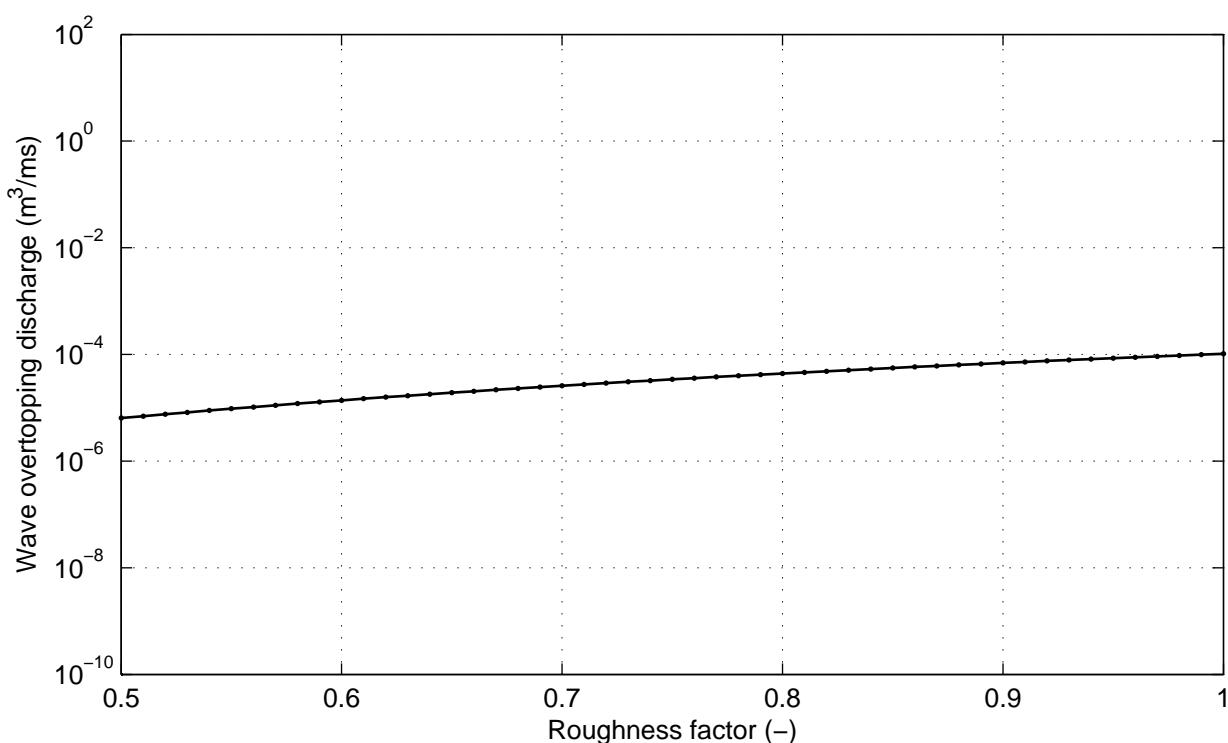
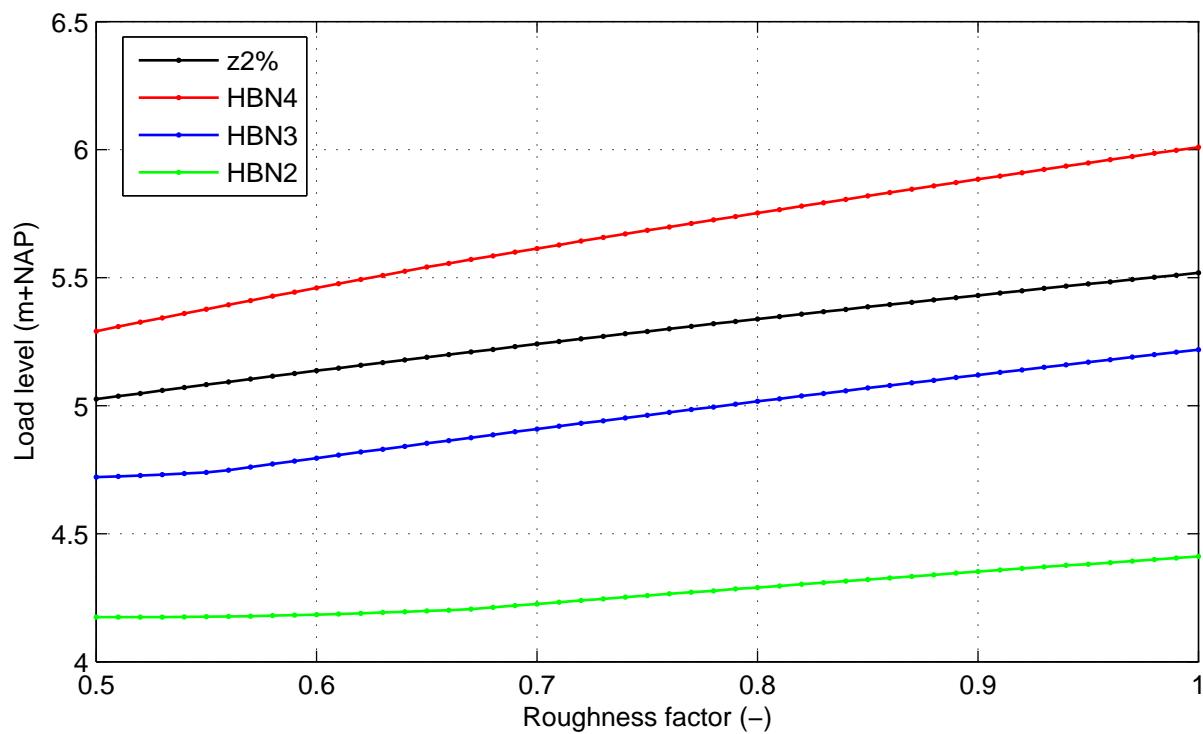
Cross section nr 8; series nr 10; Wave angle: 0 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.10



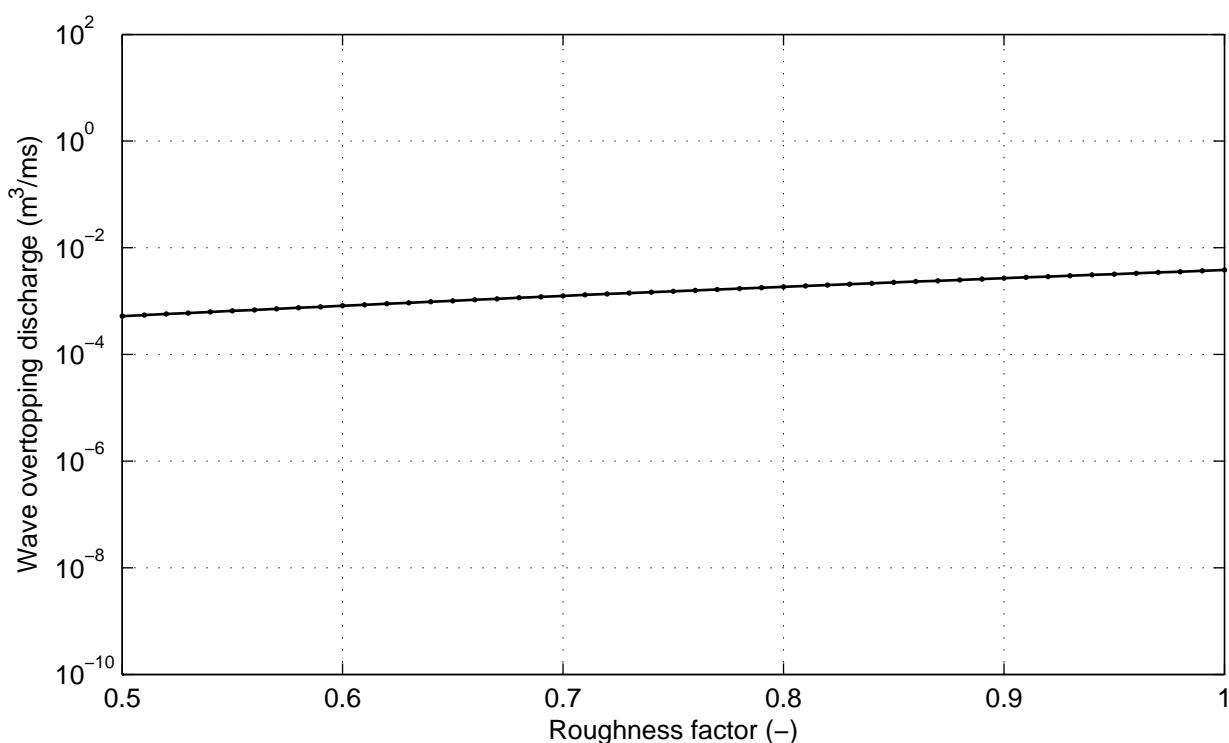
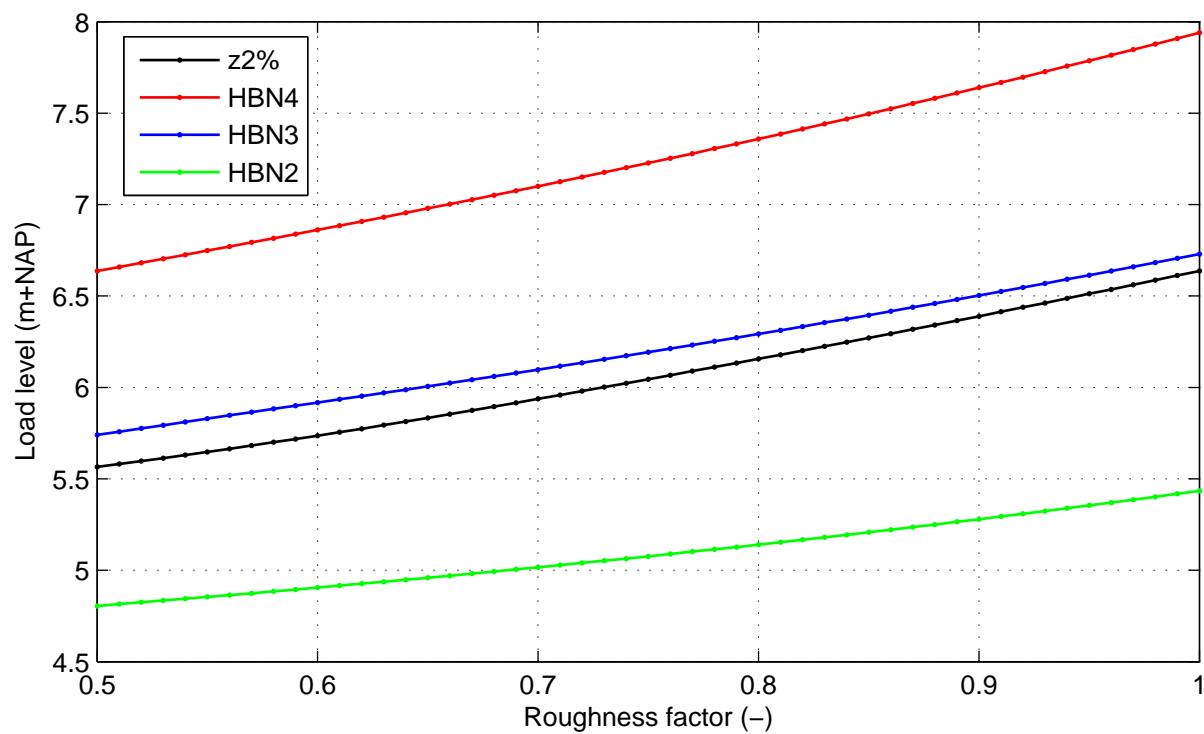
Cross section nr 8; series nr 11; Wave angle: 85 °
Varying roughness of all berm segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.11



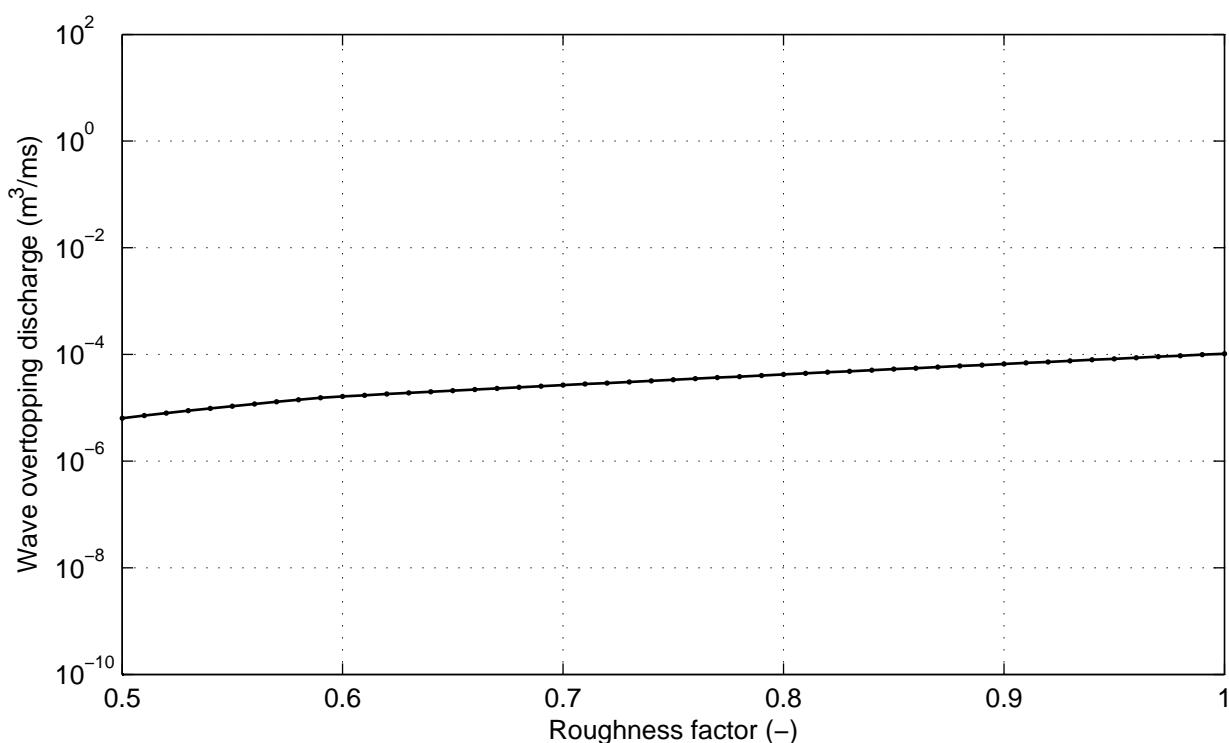
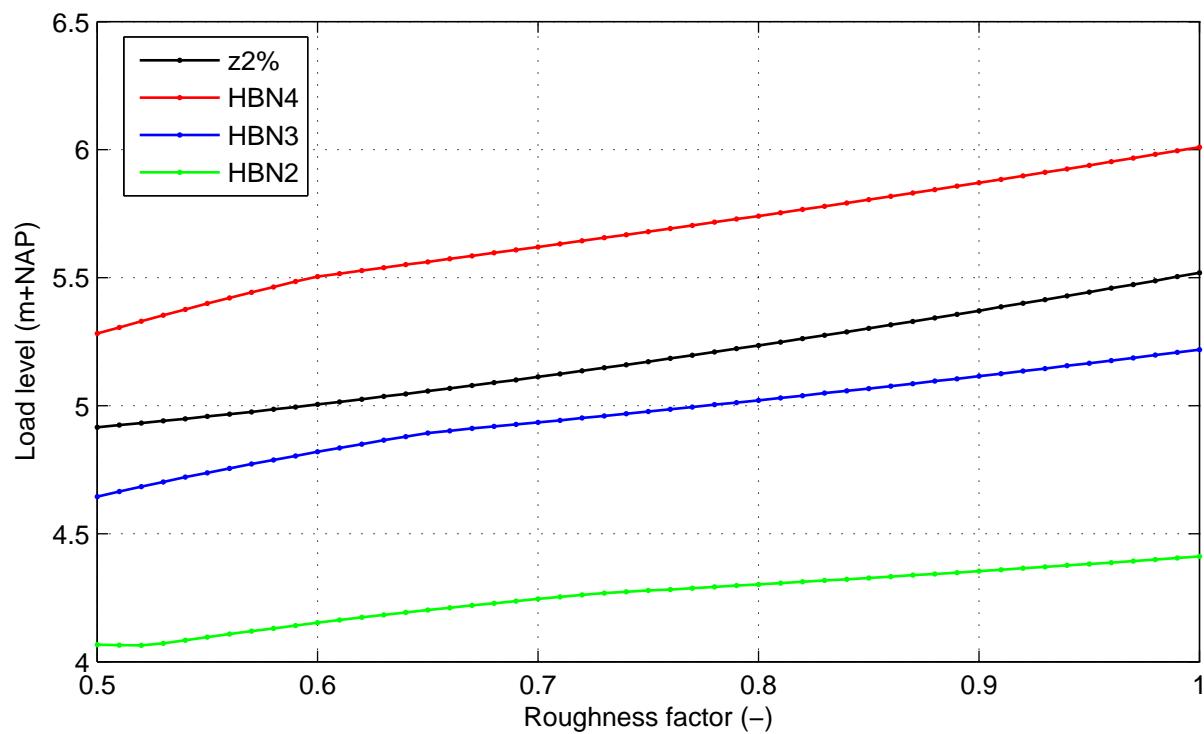
Cross section nr 8; series nr 12; Wave angle: 0 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.12



Cross section nr 8; series nr 13; Wave angle: 85 °
Varying roughness of all ordinary segments

Wave overtopping kernel tests

DELTARES

1220043.002

Fig. 8.13