Claims

1. A paint selection system for selecting a paint, the paint selection system comprising:
a storage unit that stores paint antifouling property data including a correspondence relationship between position information of an evaluation water area and antifouling properties of a plurality of paints;

an input unit that receives an input of position information of a specific water area;

a specification unit that specifies the paint to be used in the specific water area using the paint antifouling property data and the position information of the specific water area; and

an output unit that outputs identification information of the paint specified, wherein

the paint antifouling property data is created by analyzing, by a nucleic acid analysis method, an organism attached to a sample applied in advance with the paint, the sample being immersed in the evaluation water area, the nucleic acid analysis method being a method for analyzing a base sequence contained in DNA or RNA.

2. The paint selection system according to claim 1, wherein the storage unit stores price data corresponding to a price of each of the plurality of the paints, and the specification unit specifies the paint to be used in the specific water area by using the paint antifouling property data, the price data, and the position information of the specific water area.

3. The paint selection system according to claim 1 or claim 2, wherein
the paint antifouling property data includes a plurality of pieces of position information of the evaluation water area, and the specification unit determines whether or not the position information of the specific water area is same as any one piece of the plurality of pieces of position information of the evaluation water area, and if determining to be the same, specifies the paint based on the paint antifouling property data in the evaluation water area determined to be the same, and if determining not to be the same, specifies the paint based on the paint antifouling property data in the evaluation water area closest in distance to the specific water area among a plurality of the evaluation water areas.

4. The paint selection system according to any one of claims 1 to 3, wherein the organism to be analyzed in creation of the paint antifouling property data is a prokaryote.

5. The paint selection system according to any one of claims 1 to 3, wherein the organism to be analyzed in creation of the paint antifouling property data is a eukaryote.

6. The paint selection system according to any one of claims 1 to 3, wherein the organism analyzed in creation of the paint antifouling property data is a prokaryote and a eukaryote.

7. The paint selection system according to any one of claims 1 to 6, wherein the paint is a paint used for a watercraft.

8. A paint selection method for selecting a paint, the paint selection method comprising:
a process of creating paint antifouling property data including a correspondence relationship between position information of an evaluation water area and antifouling properties of a plurality of the paints by analyzing, by a nucleic acid analysis method, an organism attached to a sample that is applied in advance with the paint, the sample being immersed in the evaluation water area, the nucleic acid analysis method being a method for analyzing a base sequence contained in DNA or RNA;

a process of receiving an input of position information of a specific water area;

a process of specifying the paint to be used in the specific water area by using the paint antifouling property data and the position information of the specific water area; and

a process of outputting identification information of the paint specified.

9. A paint selection system for selecting a paint of a watercraft, the paint selection system comprising:
a storage unit that stores paint antifouling property data including a correspondence relationship between first organism species information that is information on an organism species attached to a sample applied in advance with the paint, the sample being immersed in an evaluation water area, and antifouling properties of a plurality of the paints;

an input unit that receives an input of input data including second organism species information that is information on an organism species attached to the watercraft immersed in a use water area where the watercraft is used;

a specification unit that specifies the paint to be applied to the watercraft by using the paint antifouling property data and the input data; and

an output unit that outputs identification information of the paint specified.

10. The paint selection system according to claim 9, wherein the storage unit stores price data corresponding to a price of each of the plurality of the paints, and the specification unit specifies the paint to be applied to the watercraft by using the paint antifouling property data, the price data, and the second organism species information.

11. The paint selection system according to claim 9 or claim 10, wherein the first organism species information and the second organism species information include information regarding a composition of an organism species.

12. The paint selection system according to any one of claims 9 to 11, wherein the first organism species information and the second organism species information include information regarding a predetermined organism species.

13. The paint selection system according to any one of claims 9 to 12, wherein the first organism species information and the second organism species information are information regarding a prokaryotic species.

14. The paint selection system according to any one of claims 9 to 12, wherein the first organism species information and the second organism species information are information regarding a eukaryotic species.

15. The paint selection system according to any one of claims 9 to 12, wherein the first organism species information and the second organism species information are information regarding a prokaryotic species and a eukaryotic species.

16. The paint selection system according to any one of claims 9 to 15, wherein the paint antifouling property data further includes first speed information regarding an operation speed of the watercraft, and the input data further includes second speed information regarding an operation speed of the watercraft.

17. The paint selection system according to any one of claims 9 to 16, wherein the paint antifouling property data further includes first frequency information regarding an operation frequency of the watercraft, and the input data further includes second frequency information regarding an operation frequency of the watercraft.

18. A paint selection method for selecting a paint of a watercraft, the paint selection method comprising:
a process of acquiring second organism species information that is information on an organism species attached to the watercraft by analyzing an organism attached to the watercraft applied with the paint, the watercraft being immersed in a use water area where the watercraft is used;

a process of receiving an input of input data including the second organism species information;

a process of specifying the paint to be applied to the watercraft by using paint antifouling property data including a correspondence relationship between first organism species information and antifouling properties of a plurality of the paints and the input data; and

a process of outputting identification information of the paint specified, wherein

the paint antifouling property data is created by acquiring the first organism species information that is information on an organism species attached to a sample that is applied in advance with the paint, the sample being immersed in an evaluation water area, by analyzing an organism attached to the sample.

19. The paint selection system according to any one of claims 1 to 7, wherein the nucleic acid analysis method is a next generation sequencing method.

20. The paint selection system according to any one of claims 1 to 7 and 19, wherein the antifouling property of the paint in the paint antifouling property data is evaluated using an index of diversity of a composition of the organism attached to the sample.